

South Florida Water Management District

Fiscal Year 2019-20

Preliminary Budget Submission

Pursuant to Section 373.535, Florida Statutes

January 15, 2019



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South Florida Water Management District

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SOUTH FLORIDA WATER MANAGEMENT DISTRICT

January 15, 2019

The Honorable Bill Galvano
President of the Senate
409 The Capitol
Tallahassee, FL 32399-1100

The Honorable Jose Oliva
Speaker of the House of Representatives
420 The Capitol
Tallahassee, FL 32399-1300

Subject: South Florida Water Management District Preliminary Budget Submission for Fiscal Year 2019-2020

Dear President Galvano, Speaker Oliva and Legislative Committee Chairs:

The South Florida Water Management District (District) Governing Board respectfully submits its Preliminary Budget for Fiscal Year 2019-2020 pursuant to Section 373.535, Florida Statutes. The District's Fiscal Year 2019-2020 Preliminary Budget of \$813.1 million supports tremendous progress on environmental restoration projects and water resource efforts throughout South Florida. As part of the Fiscal Year 2019-2020 Preliminary Budget submittal, the Governing Board continues our commitment to deliver on mission-critical functions including:

- Refurbishing, replacing, improving and managing the regional water management system;
- Meeting the current and future demands of water users and the environment;
- Restoring the Northern and Southern Everglades; and
- Ensuring South Florida's taxpayers receive efficient and effective customer service.

The District's work is achieved through ad valorem revenues and continued support from the Florida Legislature through state appropriations. The District also relies on federal and local funding sources, reserve balances, fees, investment earnings and agricultural privilege taxes to deliver the current level of service to our customers. At the time of the Fiscal Year 2019-2020 Preliminary Budget development, the District's recurring revenues are projected to be equivalent to its operating expenses. The District's reserve balances have been dedicated to multi-year projects/efforts necessary to improve the quantity, quality, timing and distribution of water in the Northern and Southern Everglades and implementation of improvements to support the operation and maintenance of the water management system.

Fiscal Year 2019-2020 Budget Highlights

The vast majority, **86 percent**, of the Fiscal Year 2019-2020 Preliminary Budget is dedicated to operations and maintenance of water management infrastructure of one of the largest water

management systems in the world and to the advancement of ecosystem restoration goals throughout South Florida and America's Everglades. The 2019-2020 Fiscal Year Preliminary Budget includes:

Over **\$304 million** for continued operation, maintenance, refurbishment and repair of the Central and Southern Florida Project (C&SF) including over 2,000 miles of canals, 2,000 miles of levees, 692 water control structures, 621 culverts, and 77 pump stations; land management and exotic/invasive removal activities on over 408,000 acres of District and State owned lands; and \$61 million for hurricane/tropical weather impacts or unanticipated flood control infrastructure emergencies.

Over **\$396 million** for continued support of ecosystem restoration which includes proposed new state revenues to be evaluated during the upcoming 2019 Legislative Session. Proposed funding includes the continuation of the Restoration Strategies Plan for addressing Everglades water quality, Comprehensive Everglades Restoration Plan (CERP) projects such as the Everglades Agricultural Area Storage Reservoir, C-43 West Basin Storage Reservoir, planning of future CERP projects, and for Northern Everglades & Estuaries Protection Program projects such as Dispersed Water Management and the Lakeside Ranch Stormwater Treatment Area.

By limiting administrative overhead and outreach to 4.8 percent, the District has ensured, in accordance with Section 373.536, Florida Statutes, that its fiscal resources for Fiscal Year 2019-2020 Preliminary Budget for these purposes do not exceed 15 percent of the District's total budget.

Fiscal Year 2019-2020 Budget Development Considerations

For the Fiscal Year 2019-2020 Preliminary Budget development process, absent final information to determine taxable values, fund balances and status of legislative budget requests, the District has opted to report using the statutory default of rolled-back calculations. In an effort to address anticipated revenue needs District staff have, based on an assessment of the last five years of revenue trends, calculated the Fiscal Year 2019-2020 Preliminary Budget using 96% of the ad valorem gross levy collections versus the previously budgeted annual amounts of 95%. This provides an estimated \$2.9 million of revenues for allocation during the budget development process versus collecting additional unbudgeted revenues that fall to reserve balances at the completion of the fiscal year, restricting growth of future reserve balances and putting taxpayer dollars to work immediately.

The Governing Board remains committed to the efficient and effective use of tax payer dollars within its 16 counties. If necessary, any future proposed modifications to levy rates must properly align with the growing challenges and responsibilities associated with sending water south, effects of sea level rise and storm surge on the water management system and the growing inventory of new works associated with south Florida restoration efforts. The Governing Board and District staff will continue to work through the budget development process to further align anticipated expenditures with enhanced revenue projections as they

President of the Senate
Speaker of the House of Representatives
Legislative Committee Chairs
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become available in order to determine if projected revenues are sufficient or whether additional revenues are required.

The Governing Board remains committed to fiscal discipline while maintaining the level of service needed to protect and improve South Florida's water resources. Our agency has made and continues to make great progress on environmental restoration goals and the efficient operation of our massive water management system with the continued support from South Florida tax payers and the State of Florida's funding commitments. We value this relationship and look forward to providing the services necessary to assure that the core mission of flood control, water supply and natural system restoration are met throughout South Florida during the Fiscal Year 2019-2020 budget development. The public may stay informed and follow the progression of the District's Fiscal Year 2019-2020 Budget by visiting us at www.sfwmd.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Federico Fernandez', is written over the word 'Sincerely,'.

Federico Fernandez, Chairman
South Florida Water Management District Governing Board

Enclosure

Pursuant to Section 373.535, Florida Statutes, the South Florida Water Management District's Fiscal Year 2019-20 preliminary budget has been distributed to the following individuals.

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I. FOREWORD

This Preliminary Budget report has been prepared to satisfy the requirements of Senate Bill 1986 (Chapter 2012-126, Laws of Florida), which made significant revisions to sections 373.503, 373.535 and 373.536, Florida Statutes (F.S.), and provided the Legislature additional oversight of the water management districts' budgets. This report provides the Legislature with a comprehensive budget that allows for an analysis that coincides with the annual legislative session and enables the Legislature to review the effectiveness of the districts' utilization of taxpayer resources to meet core mission responsibilities. The Preliminary Budget also provides a fiscal analysis determination regarding the progress of each District in meeting its 20-year projected water supply demands, including funding for alternative sources and conservation. The report will highlight projects dedicated to supporting the districts' core missions of water supply, water quality, flood protection and floodplain management, and natural systems.

The content and format of this report were developed collaboratively by the staffs of the Executive Office of the Governor (EOG), Senate, House of Representatives, Florida Department of Environmental Protection (FDEP), and all five water management districts. The report's standardized format utilizes six statutorily-identified District program areas listed below.

- Water Resource Planning and Monitoring
- Land Acquisition, Restoration, and Public Works
- Operation and Maintenance of Lands and Works
- Regulation
- Outreach
- Management and Administration

The Legislature may annually review the Preliminary Budget for each District. On or before March 1 of each year, the President of the Senate and the Speaker of the House of Representatives may submit comments regarding the Preliminary Budget to the districts, and provide a copy of the comments to the EOG. Each District is required to respond to any comments in writing on or before March 15 of each year to the President of the Senate, the Speaker of the House of Representatives, and the EOG. If, following such review, the Legislature does not take any further action on or before July 1 of each year, a water management district may proceed with Tentative Budget development.

In compliance with statutory requirements, the South Florida Water Management District submits this January 15 Preliminary Budget for review to the President of the Senate, the Speaker of the House of Representatives, and the chairs of each legislative committee and subcommittee having substantive or fiscal jurisdiction over water management districts, as determined by the President of the Senate or the Speaker of the House of Representatives.

Standardized definitions and acronyms that may help the reader in reviewing this document have been provided on the Department of Environmental Protection's website at <https://floridadep.gov/water-policy/water-policy/documents/wmd-budget-definitions-and-acronyms>.

II. INTRODUCTION

A. History of All Water Management Districts

Due to extreme drought and shifting public focus on resource protection and conservation, legislators passed four major laws in 1972: The Environmental Land and Water Management Act, the Comprehensive Planning Act, the Land Conservation Act, and the Water Resources Act. Collectively, these policy initiatives reflected the philosophy that land use, growth management and water management should be joined.

Florida's institutional arrangement for water management is unique. The Florida Water Resources Act of 1972 (WRA) (Chapter 373, F.S.) granted Florida's five water management districts broad authority and responsibility. Two of the five districts existed prior to the passage of the WRA (South Florida and Southwest Florida), primarily as flood control agencies. Today, however, the responsibilities of all five districts encompass four broad categories: water supply (including water allocation and conservation), water quality, flood protection and floodplain management, and natural systems.

The five regional water management districts, established by the Legislature and recognized in the Florida Constitution, are set up largely on hydrologic boundaries. Water management districts are funded by ad valorem taxes normally reserved for local governments using taxing authority which emanates from a constitutional amendment passed by Floridians in 1976. The water management districts are governed regionally by boards appointed by the Governor and confirmed by the Senate. There is also general oversight at the state level by the Department of Environmental Protection.

In Florida, water is a resource of the state, owned by no one individual, with the use of water overseen by water management districts acting in the public interest. Florida law recognizes the importance of balancing human needs for water with those of Florida's natural systems.

Each of Florida's five water management districts has a history that cannot be completely detailed here. South Florida's subtropical extremes of hurricane, flood and drought, combined with efforts to populate this "new frontier," led the U.S. Congress to adopt legislation creating the Central and Southern Florida Flood Control (C&SF) Project in 1948, the largest civil works project in the country at that time.

The C&SF Project's primary goal was to serve the needs of the region's growing agricultural and urban populations and to protect and manage water resources. The United States Army Corp of Engineers (USACE) would, over the following decades, design and build a vast network of levees, canals and other improved waterways, and water control structures designed to help manage the often unpredictable weather extremes of the region. Construction began in 1949 and continued for more than 20 years.

In 1949, the Florida Legislature created the Central and Southern Florida Flood Control District (FCD) to act as the local sponsor for this federal project by operating and maintaining the water control network system.

Throughout its history, the agency evolved to meet gubernatorial and legislative direction. As mentioned previously, the Florida Water Resources Act of 1972 greatly expanded the responsibilities of the existing FCD. This included a greater emphasis on water quality and environmental protection initiatives. The FCD was renamed the South Florida Water Management District in 1976, and new boundaries were drawn to encompass the region's primary water sheds.

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Together, these unique organizations work with state agencies and local governments to ensure there are adequate water supplies to meet growing demands while: protecting and restoring the water resources of the state; addressing water quality issues; protecting natural systems in Florida through land acquisition, land management, and ecosystem restoration; and promoting flood protection. For additional information, interested readers should review the districts' websites and contact officials at each District. The South Florida Water Management District's website is www.sfwmd.gov.

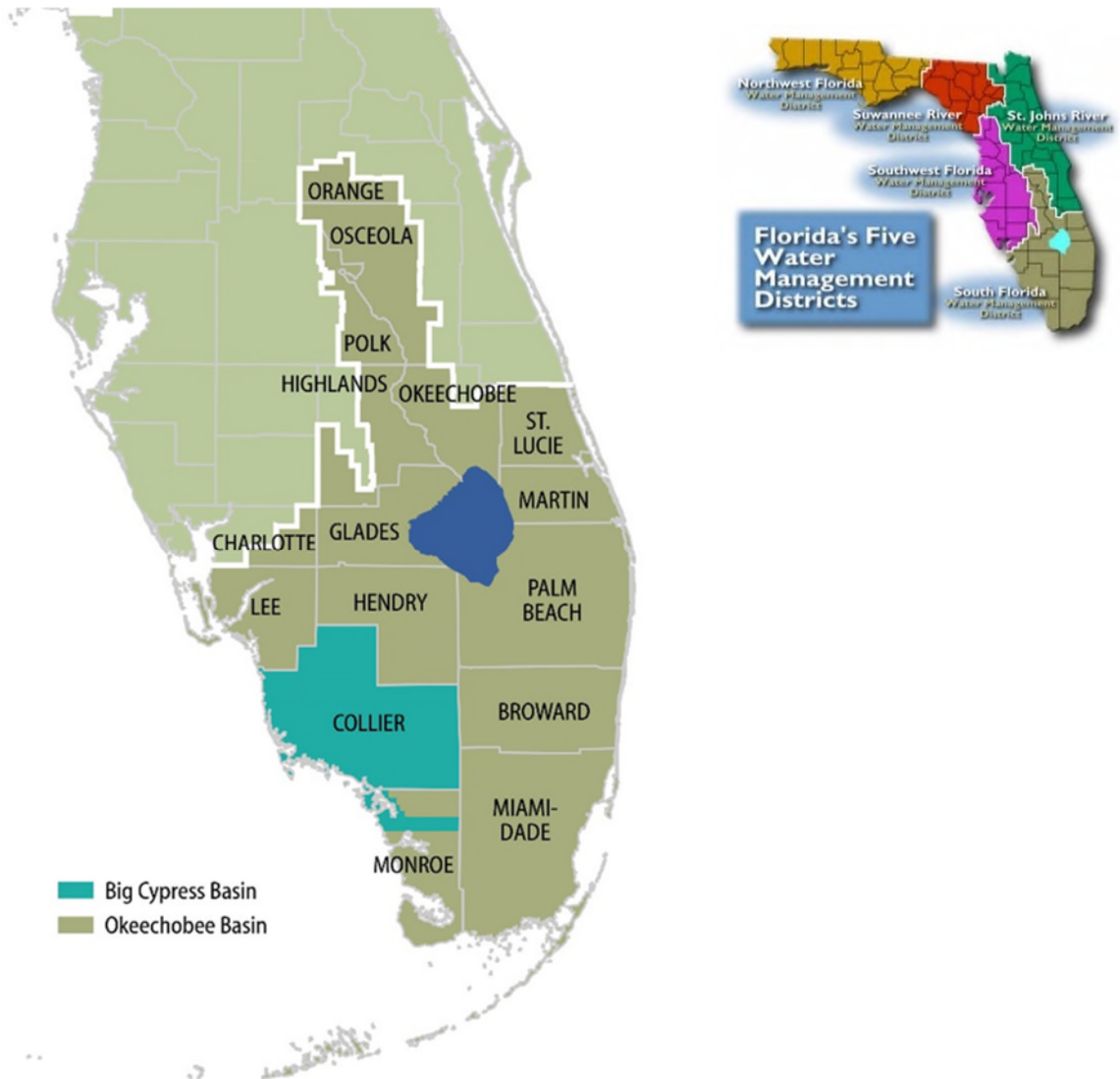
II. INTRODUCTION

B. Overview of the District

The South Florida Water Management District includes about 30 percent of the state's total area, 18,000 square-miles, serving and protecting 8.1 million people. The District encompasses all or part* of the 16 counties, spanning from Orlando to Key West including:

Broward	Charlotte*	Collier	Glades
Hendry	Highlands*	Lee	Martin
Miami-Dade	Monroe	Okeechobee*	Orange*
Osceola *	Palm Beach	Polk*	St. Lucie

Figure 1. District Map



II. INTRODUCTION

There are two primary basins contained within the District's boundaries, the **Okeechobee Basin** and the **Big Cypress Basin**. The Okeechobee Basin is based on the sprawling Kissimmee-Okeechobee-Everglades ecosystem, which stretches from Central Florida's Chain of Lakes to Lake Okeechobee and south to the Florida Keys. It includes the 700,000 acres within the Everglades Agricultural Area, the heavily developed southeast coast and Everglades National Park. The Okeechobee Basin includes 15 of the 16 counties. The Okeechobee Basin excludes Collier County and a small portion of mainland Monroe County.

The Big Cypress Basin includes all of Collier County and a small portion of mainland Monroe County, including the Big Cypress National Preserve and the 10,000 Islands. The Big Cypress Basin primarily provides flood control and stormwater management to the citizens of Collier County and works in cooperation with Collier County and other local governments on water resource, water resource development, and alternative water supply issues.

Governing Board

The District's Governing Board sets policy and direction for the entire agency. The Governing Board is composed of nine members appointed from specific geographic areas within the District. The members are appointed by the Governor and confirmed by the Florida Senate. Appointments are made on a staggered basis as vacancies occur. Board members serve without salary for a term of four years. The Governing Board elects its own officers, including a chairman and vice-chairman.

The 1972 legislation creating water management districts established two basin boards within the boundaries of the District. The Big Cypress Basin Board oversees water resource issues within Collier County and a small portion of mainland Monroe County. It is chaired by the District's Governing Board member representing that area along with five Basin residents appointed by the Governor and confirmed by the Florida Senate. Big Cypress Basin Board members serve terms of three years and receive no compensation. The Okeechobee Basin Board (the District's nine-member Governing Board) oversees water resource issues within the remaining counties.

Executive Office

The Governing Board appoints the agency's Executive Director and the Inspector General. The Florida Senate confirms the Executive Director. The Executive Director is responsible for administering the directives of the board and managing day-to-day District activities. The Inspector General is responsible for reviewing and evaluating internal controls to ensure the fiscal accountability of the agency, and for conducting financial and performance audits.

General Responsibilities

The District's responsibilities have expanded significantly since 1949 when it was originally created by the legislature as the Central and Southern Florida Flood Control District tasked with providing flood control at the core of its mission. The District now operates and maintains the C&SF Project, develops and implements water supply plans, conducts ecosystem research and monitoring, regulates water use, manages land acquisition and implements water quality improvement and ecosystem restoration plans.

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To meet these core mission responsibilities, the District's proposed staffing for the Fiscal Year 2019-20 Preliminary Budget is 1,475 regular full-time equivalent (FTE) positions. District staff is located at facilities across the District's 16-county jurisdiction to offer the public more direct and responsive access to permitting and other agency functions. These facilities include eight field stations located in Big Cypress Basin (Naples), Clewiston, Fort Lauderdale, Homestead, Miami, Okeechobee, St. Cloud, and West Palm Beach and four service centers located in Big Cypress Basin (Naples), Fort Myers, Okeechobee, and Orlando. The District's central headquarters are located in West Palm Beach. The District's annual budget is funded by a combination of property taxes and other sources such as federal, state, and local revenue, licenses, permit fees, grants, investment earnings, and reserve balances.

The District's major responsibilities are highlighted below:

Operations and Maintenance

The District's operations and maintenance consists of activities to effectively manage the primary canals and associated structures in South Florida. Operation and maintenance program activities include the C&SF Project, as well as the Big Cypress Basin, as authorized by Chapter 373 F.S. and the USACE. Activities include the operation and maintenance of a multi-purpose water management system comprising 4,098 miles of canals and levees, 692 water control structures and weirs, 77 pumping stations and 621 smaller project culverts, which send water south and through waterways eastward and westward to both coasts.

Regulatory

The District has a number of regulatory programs designed to manage and protect regional water resources, including wetlands, rivers, lakes, estuaries, and groundwater supplies. The South Florida Water Management District's responsibilities are shared with the FDEP and other state and local governments.

The types of permits issued by the District are listed below.

- **Environmental Resource Permits (ERPs)** regulate certain land use or construction activities that could affect wetlands or alter surface water flows that can contribute to water pollution. The District regulates residential and commercial developments, roadway construction and agriculture; while the FDEP regulates power plants, ports, wastewater treatment plants and single-family home projects.

An ERP covers activities such as dredging and filling in wetlands or surface waters, constructing flood protection facilities, providing storm water containment and treatment, site grading, building dams or reservoirs and other activities affecting state waters.

- **Everglades Works of the District (EWOD) Permits** are required of landowners or entities within or discharging to drainage basins in the Everglades Agricultural Area (EAA) or C-139 Basin to reduce phosphorus flowing from the EAA or C-139 Basin into the Everglades. An EWOD Permit outlines targeted reductions in phosphorus as well as monitoring and reporting requirements and Best Management Practices (BMPs) for private and public landowners in these basins.
- **Consumptive Water Use Permits** allow the holder to withdraw a specified amount of water, either from the ground (aquifers), or a canal, lake or river (surface waters). These

II. INTRODUCTION

water use permits are typically used for public supply, agricultural and nursery plant irrigation, golf course irrigation, commercial use, dewatering/mining activities and power generation. Water uses not covered by these permits include domestic uses, home irrigation and water used for fire fighting.

- **Well Construction Permits** ensure that wells are built by licensed water well contractors and conform to water well construction permit standards. Unless exempted by statute, or District rule, a well construction permit must be obtained from the District or an agency delegated by the District prior to the construction, repair, modification or abandonment of any water well, test well or monitor well within the District's jurisdiction. A consumptive use permit may be required before the well construction permit can be issued.
- **Right of Way Permits** protect the South Florida Water Management District's ability to effectively and safely use the canal and levee rights of way in the regional system while providing for compatible public and private uses such as docks, fences or walkways. The regional system includes canals and levees, major rivers and lakes, water conservation areas, the works of the Big Cypress Basin and certain other canals and rights of way.

Water Resource System

The **Kissimmee Basin** encompasses more than two dozen lakes in the Kissimmee Chain of Lakes, their tributary streams and associated marshes and the Kissimmee River and floodplain. The basin, which defines the northern-most region of the District, forms the headwaters of Lake Okeechobee and the Everglades. Major initiatives in the Kissimmee Basin are: the Kissimmee River Restoration Project which includes construction projects, the Kissimmee River Restoration Evaluation Program, and the Kissimmee Chain of Lakes and Kissimmee Upper Basin Monitoring and Assessment Project. Other programs and activities are associated with these projects, including ecosystem restoration, evaluation of restoration efforts, aquatic plant management, land management, water quality improvement, and water supply planning. The 56-mile channelized (C-38) Kissimmee River connects Lake Kissimmee and Lake Okeechobee. So far, three backfilling phases are now complete, and continuous water flow has been re-established to 24 miles of the meandering Kissimmee River.

Lake Okeechobee—meaning “big water” in the Seminole Indian language—spans 730 square-miles and is the largest lake in the southeastern United States. Lake Okeechobee and its wetlands are at the center of the Greater Everglades Watershed, which stretches from the headwaters of the Kissimmee River, through the Everglades and, finally, into Florida Bay. Lake Okeechobee restoration efforts are underway pursuant to the Northern Everglades and Estuaries Protection Program, under which the Lake Okeechobee Protection Program was expanded to strengthen protection for the Northern Everglades, restoring and preserving the Lake Okeechobee watershed and the Caloosahatchee and St. Lucie estuaries.

The **Caloosahatchee River and Estuary** extends 70 miles, from Lake Okeechobee west to San Carlos Bay on Florida's southwest coast. Programs to improve the estuarine habitat, water quality, and water supply include minimum flows and levels, the Northern Everglades and Estuaries Protection Program, and implementation of the Comprehensive Everglades Restoration Plan, as well as local BMPs and stormwater retrofit projects.

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The **Lower Charlotte Harbor** watershed covers more than 2,230 square-miles in the lower west coast region of Florida, including the Cape Coral and Fort Myers metropolitan areas. Goals for restoring, protecting and managing the surface water resources of the watershed are outlined in the lower Charlotte Harbor watershed SWIM plan.

The **Estero Bay** watershed includes Central and Southern Lee County, and parts of Northern Collier and Western Hendry counties. The Estero Bay watershed assessment contains proposed management practices to improve water quality and to improve the timing and volume of freshwater inputs.

The **Indian River Lagoon** is a series of three distinct, but interconnected, estuarine systems, which extend 156 miles from Ponce Inlet to Jupiter Inlet on Florida's east coast. The District and the St. Johns River Water Management District share responsibility for restoring and protecting this lagoon. Components of the Indian River Lagoon – South Restoration Project will benefit the quantity, quality, and timing and flows of water for the Indian River Lagoon and the St. Lucie River and Estuary.

The **St. Lucie River and Estuary** includes the north fork and south fork of the St. Lucie River. The south fork of the St. Lucie River connects with the 152-mile Okeechobee waterway. Programs and initiatives to improve the timing, distribution, quality, and volume of freshwater entering the estuary include the Indian River Lagoon - South Restoration Project and the Northern Everglades and Estuaries Protection Program, as well as local BMPs and stormwater retrofit projects.

The 240 square-mile **Loxahatchee River** watershed covers parts of Palm Beach and Martin Counties and includes the communities of Hobe Sound, Tequesta, Jupiter, Jupiter Island, Jupiter Inlet Colony, Jupiter Farms, Juno Beach, and Palm Beach Gardens. To improve and protect the Loxahatchee River and Estuary, the District is implementing plans and initiatives in partnership with other agencies and organizations, including the FDEP, the Loxahatchee River Management Coordinating Council, and Loxahatchee River District. These include the Loxahatchee River Initiative, the Loxahatchee River National Wild and Scenic River Management Plan, the 2002 technical documentation to support development of minimum flows and levels for the northwest fork of the Loxahatchee River, the 2010 Loxahatchee River Science Plan, and the 2006 Restoration Plan for the northwest fork of the Loxahatchee River and its 2011 addendum.

The **Lake Worth Lagoon** watershed covers more than 450 square-miles that contribute flows to Lake Worth and South Lake Worth in Palm Beach County. Goals for restoring and managing the watershed are found in the Lake Worth Lagoon Management Plan.

Within the historical **Everglades**, three **Water Conservation Areas (WCAs)** and the Everglades National Park preserve about half of the original Everglades, which covered nearly 11,000 square-miles of South Florida. The WCAs are located in the western portions of Palm Beach, Broward and Miami-Dade Counties and encompass 1,337 square-miles. Everglades Restoration programs and projects include: research projects; implementation of the Comprehensive Everglades Restoration Plan (CERP); RECOVER (Restoration Coordination and Verification); the Long-Term Plan for Achieving Water Quality Goals for the Everglades Protection Area Tributary Basins, the Northern Everglades and Estuaries Protection Program; Restoration Strategies, which includes additional water quality improvement projects to assist existing stormwater treatment areas to achieve the Everglades phosphorus criterion; and water supply planning.

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Biscayne Bay is a subtropical estuary that includes 428 square-miles of marine ecosystem and 938 square-miles of watershed along the coast of Miami-Dade and northeastern Monroe counties. Projects to restore and preserve Biscayne Bay are included in the implementation of the Comprehensive Everglades Restoration Plan. The Nearshore Central Biscayne Bay Water Reservation has been adopted as part of CERP.

Florida Bay and Estuary comprise a shallow inner-shelf lagoon between the southern tip of the Florida mainland and the Florida Keys where fresh water from the Everglades mixes with the salty waters from the Gulf of Mexico to form an estuary. There are nearly 1,000 square-miles of interconnected basins and 200 mangrove islands in the bay and estuary. Through implementation of the Comprehensive Everglades Restoration Plan, the District is focused on changing freshwater flow and improving the water quality and ecology of Florida Bay.

The **Big Cypress Basin** includes the natural lands of the Corkscrew Swamp and Sanctuary, the Big Cypress National Preserve, the Florida Panther National Wildlife Refuge, the Fakahatchee Strand, the Corkscrew Regional Ecosystem Watershed, Picayune Strand State Forest, and the 10,000 Islands. Programs include the Big Cypress Basin Watershed Management Plan, stormwater projects, and other capital improvements projects to store additional water, recharge groundwater, and improve water quality in Naples Bay.

The **Western Basins** region, comprised of the Feeder Canal Basin and the C-139 Annex, is part of a Water Resource Evaluation effort to evaluate potential hydrologic and water quality improvements in upstream flows from lands and water bodies within the Feeder Canal drainage basin, C-139 Annex drainage basin.

Comprehensive Everglades Restoration Plan (CERP)

The Comprehensive Everglades Restoration Plan provides a framework and guide to restore, protect, and preserve the water resources of Central and Southern Florida, including the Everglades. It covers 16 counties over an 18,000 square-mile area and centers on an update of the C&SF Project. The goal of CERP is to capture fresh water that now flows unused to the ocean and the gulf and redirect it to areas that need it most. Most of the water will be devoted to environmental restoration; the remaining water will benefit cities and farmers by enhancing water supplies for the South Florida economy.

For more than fifty years, the C&SF Project has performed its designed function well, but it has had unintended adverse effects on the unique and diverse South Florida ecosystem. Improvements through structural and operational modifications to the C&SF Project will improve the quality, quantity, timing and distribution of water deliveries for the environment; improve protection of the aquifer; improve the integrity, capability, and conservation of urban and agricultural water supplies; and improve other water-related purposes.

The Water Resources Development Acts provided the USACE with the authority to re-evaluate the performance and impacts of the C&SF Project and to recommend improvements and/or modifications to the project in order to restore the South Florida ecosystem and to provide for other water resource needs. The resulting plan was designed to capture, store and redistribute fresh water previously lost to tide and to regulate the quality, quantity, timing, and distribution of water flows.

The CERP was approved by Congress as a framework for Everglades Restoration under Title VI, Section 601 of the Water Resources Development Act of 2000. The CERP includes more

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than 60 major components and will vastly increase storage and water supply for the environment, as well as for urban and agricultural needs, while maintaining the current levels of service for flood control provided by the C&SF Project. In the Water Resources Development Act of 2007 (WRDA 2007), Congress authorized three CERP Projects for construction – Indian River Lagoon South – Phase 1, Site 1 Impoundment (Fran Reich Preserve), and Picayune Strand Restoration. In WRDA of 2014, Congress authorized another four CERP Projects for construction - Caloosahatchee River (C-43) West Basin Storage Reservoir, Biscayne Bay Coastal Wetlands, Broward County Water Preserve Areas, and C-111 Spreader Canal Western Project.

In the Water Resources Development Act of 2016 (WRDA 2016), Congress authorized the Central Everglades Planning Project. This project implements increments of six components included in the Comprehensive Everglades Restoration Plan to accomplish the restoration objectives by improving the quantity, quality, timing and distribution of water flows to Water Conservation Area 3, Everglades National Park and Florida Bay, with ancillary benefits to the St. Lucie and Caloosahatchee estuaries, while increasing water supply for municipal and agricultural users while maintaining flood protection. In the Water Resources Development Act of 2018 (WRDA 2018), Congress authorized the EAA Reservoir.

Section 373.1501, F.S., provides a legislative finding that the CERP is important for restoring the Everglades ecosystem and for sustaining the environment, economy, and social well-being of South Florida. Furthermore, this section ensures that all project components are consistent with the balanced policies and purposes of Chapter 373, F.S., and specifically section 373.026, F.S. In section 373.026(8)(b), F.S., the FDEP is directed to collaborate with the District and to approve each project component with or without amendments within a specified time frame. CERP components will be implemented through the execution of multiple projects. It will take more than 30 years to construct and will be cost-shared equally among the federal government and local sponsors, of which the District is the major local sponsor.

Northern Everglades Initiative

In 2007, the Florida legislature substantially expanded the Lake Okeechobee Protection Act to the Northern Everglades and Estuaries Protection Program (NEEPP) (section 373.4595, F.S.). As required by the NEEPP, the coordinating agencies, comprising the District, FDEP, and the Florida Department of Agriculture and Consumer Services (FDACS), developed Watershed Protection Plans for the Lake Okeechobee, St. Lucie River, and Caloosahatchee River watersheds to identify and implement programs and projects necessary to achieve water quality and quantity objectives for the watersheds. Water quality objectives are based on Total Maximum Daily Loads (TMDLs) established by the FDEP, while storage targets are aimed at achieving appropriate water levels in Lake Okeechobee and target salinities within the estuaries. The coordinating agencies last updated the Lake Okeechobee Protection Plan in 2014, and the St. Lucie and the Caloosahatchee River Watershed Protection Plans in 2015.

In recent years, FDEP adopted the Basin Management Action Plans (BMAPs) for Lake Okeechobee (2014), St. Lucie Estuary (2013), and Caloosahatchee Estuary (2012), which are designed to implement nutrient reductions established by the TMDLs for these Northern Everglades basins. During the 2016 legislative session, the Florida legislature amended NEEPP to strengthen provisions for implementing the respective BMAPs and further clarify the roles and responsibilities, coordination, implementation, and reporting efforts among the coordinating agencies. In accordance with the current NEEPP legislation, FDEP takes the lead on water quality protection measures through BMAPs adopted pursuant to section 403.067, F.S.; the

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District takes the lead on hydrologic improvements pursuant to the Watershed Protection Plans; and FDACS takes the lead on agricultural interim measures, BMPs, and other measures adopted pursuant to section 403.067, F.S. FDEP has published the Florida Statewide Annual Report on Total Maximum Daily Loads, Basin Management Action Plans, Minimum Flows or Minimum Water Levels and Recovery or Prevention Strategies on its website pursuant to section 403.0675, F.S. This report, published by July 1 each year beginning in 2018, includes the status of protection and restoration actions through total maximum daily loads, basin management action plans, minimum flows or minimum water levels and recovery or prevention strategies. Visit www.floridadep.gov/star for more information.

District Everglades

The Everglades Construction Project was the first major step in Everglades Restoration and a requirement of the Everglades Forever Act (EFA), passed by the Florida Legislature in 1994. It is also one of the largest environmental restoration public works projects in the nation. The cost associated with implementing the Everglades Construction Project is shared among the District, state and federal governments. The major funding sources identified in the Everglades Forever Act were ad valorem property taxes, agricultural privilege taxes, state land funds, federal funds, Alligator Alley toll revenues, and other environmental mitigation funds.

The EFA directed the District to implement regulatory source control programs in all areas tributary to the Everglades Protection Area (EPA) to reduce phosphorus in stormwater runoff. The District was also required to acquire land, then design, permit, construct and operate a series of treatment wetlands, referred to as Everglades Stormwater Treatment Areas (STAs), to reduce phosphorus levels from stormwater runoff and other sources before it enters the EPA. The STAs, which were originally planned to consist of approximately 40,000 acres, were expanded by approximately 5,000 acres in 2006 and 12,000 acres in 2012 for a current total of approximately 57,000 acres of effective treatment area.

Despite the success of the STAs and source control programs in removing phosphorus from stormwater, the existing STAs in combination with Best Management Practices had not achieved compliance with the Everglades numeric phosphorus criterion. To address this issue, the District, the Florida Department of Environmental Protection, and the United States Environmental Protection Agency engaged in technical discussions starting in 2010. The primary objectives were to establish a Water Quality Based Effluent Limit (WQBEL) for phosphorus in discharges from Everglades STA that would achieve compliance with the State of Florida's numeric phosphorus criterion in the EPA and to identify a suite of additional water quality projects to work in conjunction with the existing STAs to meet the WQBEL.

Based on this collaborative effort, a suite of projects that would achieve the WQBEL were identified in 2012 and are prescribed by FDEP consent orders associated with EFA and National Pollutant Discharge Elimination System permits. Under the District's Restoration Strategies Program, the projects have been divided into three flow paths - Eastern, Central, and Western. The identified projects primarily consist of Flow Equalization Basins (FEBs), STA expansions, and associated infrastructure and conveyance improvements. The primary purpose of FEBs is to attenuate peak stormwater flows prior to delivery to STAs, while the primary purpose of STAs is to utilize biological processes to reduce phosphorus concentrations in order to achieve the WQBEL. Some of the key components are listed below, several of which are operational, in the design phase, or under construction:

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- The Eastern flow path contains STA-1E and STA-1W. The additional water quality projects for this flow path include the L-8 FEB with approximately 45,000 acre-feet of storage and an STA expansion of approximately 6,500 acres (5,900 acres of effective treatment area) that will operate in conjunction with STA-1W. The L-8 FEB was complete in 2017 and is operating. The first phase of the STA-1W Expansion (4,300 acres of effective treatment area), as well as conveyance improvement-Bolles Canal, are under construction. The second phase of the STA-1W Expansion is currently being designed, all land acquisition for the expansion has been acquired.
- The Central flow path contains STA-2 (including Compartment B) and STA-3/4. The additional project for this flow path is the A-1 FEB with approximately 60,000 acre-feet of storage that attenuates peak stormwater flows prior to delivery to STA-2 and STA-3/4. A-1 FEB operations began in November 2015.
- The Western flow path contains STA-5/6 (including Compartment C). There are two additional projects planned, the C-139 FEB which will have approximately 11,000 acre-feet of storage and internal improvements within STA-5/6 to increase the effective treatment area by approximately 800 acres. Design activities for these projects are expected to begin prior to 2019 and construction is scheduled for completion by 2025.

Water Supply

The District encompasses nearly 18,000 square miles divided into five distinct planning regions: Upper Kissimmee (now made part of the Central Florida Water Initiative planning area), Lower Kissimmee, Upper East Coast, Lower East Coast and Lower West Coast. Development of comprehensive water supply plans customized to each region is key to identifying and understanding current and future water needs. Based on a 20-year outlook, these plans provide detailed, basin-specific information and recommended actions. The plans highlight areas where historically used sources of water will not be adequate to meet future demands and evaluate several water source options – including water conservation and alternative water supply – to meet those demands.

The 2005 Florida Legislature enacted the Water Protection and Sustainability Program. This precedent-setting law encourages cooperation between municipalities, counties and the state's five water management districts to protect and develop water supplies in a sustainable manner. Water management districts promote and support local government alternative water supply projects that support smart growth and reduce the use of fresh ground and surface water supplies, such as aquifers and lakes for a sustainable future.

Other District Programs

The District's responsibilities extend far beyond regulatory programs, Everglades restoration, water supply plan implementation, and flood control operations.

Partnership and coordination with other levels of government and other agencies help to support water resource development projects, development of alternative water supplies, water conservation, reuse, and stormwater management goals.

Research, data collection, and analysis help ensure District projects and programs are effective. Emergency operations and management is a cornerstone of District operations, especially during the hurricane season or in times of drought. The District is also a leader in melaleuca, aquatic weed, and other exotic pest and plant control.

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C. Mission and Guiding Principles of the District

The Governing Board has adopted the following Mission Statement and has made it an integral part of its overall strategic budget philosophy and structure:

The Mission of the South Florida Water Management District is to manage and protect water resources of the region by balancing and improving flood control, water supply and water quality through restoration of natural systems.

To guide the agency in meeting its mission-critical responsibilities, strategic priorities include:

Flood Control – Ensuring and managing water flow through the strategic priority: Refurbish, replace, improve and manage the regional water management system by:

- Implementing flood control infrastructure refurbishment projects,
- Incorporating new works into water management system operations,
- Operating the water management system to meet flood control and water supply needs,
- Coordinating with the U.S. Army Corps of Engineers on infrastructure inspections and results, and
- Coordinating with state/federal partners and assisting local governments to determine level of flood protection.

Water Supply – Safeguarding and expanding water resources through the strategic priority: Meet the current and future demands of water users and the environment by:

- Diversifying water supply options and encouraging development of alternative water supply projects,
- Developing and implementing regional water supply plans in coordination with local governments and the public,
- Promoting water conservation measures,
- Utilizing regulatory permitting and compliance authority, and
- Using water reservation and minimum flow & minimum water level authorities to protect water for natural systems.

Natural Systems / Water Quality – Protecting and restoring ecosystems through the strategic priority: Restore the Northern and Southern Everglades by:

- Completing and implementing ongoing and new restoration projects,
- Maximizing use of available water storage features,
- Implementing solutions to improve water quality treatment, reduce nutrient loads,

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- Utilizing streamlined regulatory and cooperative programs,
- Managing invasive exotic and nuisance vegetation on District lands, and
- Increasing access and recreational opportunities on public lands.

In addition to the four Areas of Responsibility (AORs), described above, the District has an additional strategic priority:

Mission Support – Delivering efficient and cost-effective services through the strategic priority: Ensure South Florida taxpayers receive efficient and effective customer service by:

- Focusing resources on core functions, minimizing administrative costs and measuring performance,
- Ensuring accountability, transparency and public involvement in agency decisions, and
- Employing and developing a high-quality, diverse workforce.

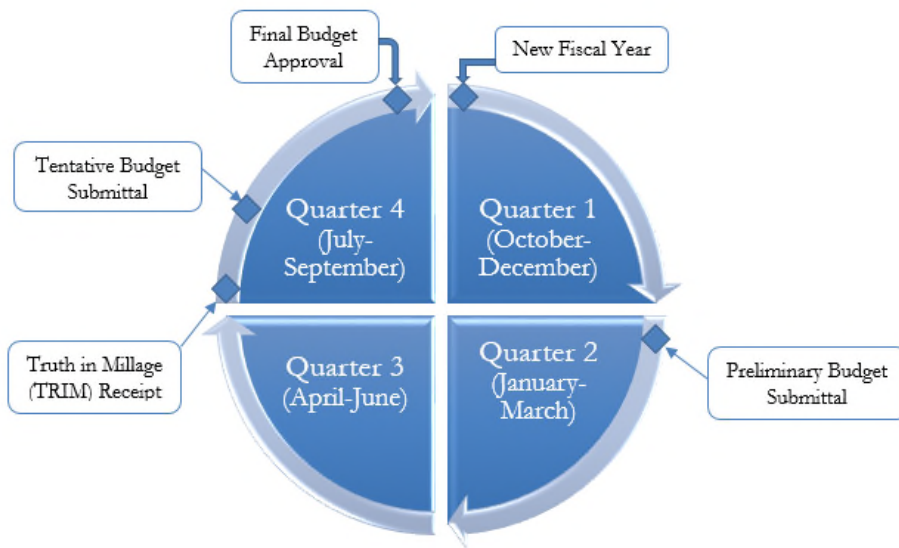
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D. Development of the District Budget

This District's fiscal year runs from October 1 through September 30. The budget development process takes place throughout the fiscal year with guidance from the Governing Board. All meetings of the Governing Board, its committees and subcommittees are advertised to provide the public with an opportunity to discuss issues and concerns prior to the adoption of the budget. The chart below shows the cyclical nature of this process.

South Florida Water Management District

Annual Budgeting Cycle



Prior to adoption of the final budget and in compliance with section 200.065, F.S., the District will advise all county property appraisers within its jurisdiction, as required by the Truth in Millage (TRIM) process, of the proposed millage rates for Fiscal Year 2019-20, as well as the rolled-back rates and the date, time, and location of the public hearing on the matter.

The District will hold two TRIM public hearings in September. The first public hearing will take place on Thursday, September 12, 2019, at 5:15 P.M. at District Headquarters located at 3301 Gun Club Road, West Palm Beach, Florida. The second and final public hearing will take place on Tuesday, September 24, 2019, at 5:15 P.M., also at District Headquarters located at 3301 Gun Club Road, West Palm Beach, Florida. Written disapprovals of any provision in the Tentative Budget by the EOG or Legislative Budget Commission must be received by September 17, 2019, at least five business days prior to the final budget adoption hearing.

The District's Fiscal Year 2019-20 Preliminary Budget is designed to live within the District's means and meet statutory mandates. The District continues to operate on a pay-as-you-go basis without new debt. The Preliminary Budget maintains an operating profile consistent with Fiscal Year 2018-19 and in-line with current revenue levels to ensure sustainability.

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E. Budget Guidelines

The District developed its budget under the guidelines established by the EOG and FDEP, and pursuant to Sections 373.535 and 373.536, Florida Statutes, which include:

- Reviewing, on an ongoing basis, personnel, programs and activities to ensure that each District is meeting its core mission areas without raising costs for the taxpayers they serve,
- Ensuring that District employee benefits are consistent with those provided to state employees,
- Continuing District implementation plans for the beneficial use of excess fund balances, and
- Avoiding new debt.

The District's specific guidelines developed by the Governing Board and management staff include Fiscal Year 2019-20 budget preparation assumptions approved by the Governing Board and include:

- Focus on core mission activities such as refurbishment of the Central and South Florida flood control system,
- Implement efficiencies that reduce operational expenses, non-core costs and administrative overhead,
- Direct funding to restoration and public works,
- Continue implementation plans for beneficial use of Reserves,
- Maintain an adequate reserve balance for emergencies, and
- Issue no additional debt.

Pursuant to section 373.536(5)(c), Florida Statutes (F.S.), the Legislative Budget Commission (LBC) may reject Tentative budget proposals based on the statutory thresholds described below. The thresholds in this Preliminary Budget are presented below for informational purposes.

- A single purchase of land in excess of \$10 million, except for land exchanges.
 - The District does not have a single purchase of land in excess of \$10 million.
- Any cumulative purchase of land during a single fiscal year in excess of \$50 million.
 - The District does not have a cumulative purchase of land in excess of \$50 million in the Preliminary Budget.

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- Any issuance of debt on or after July 1, 2012.
 - The District does not have any issuance of debt in the Preliminary Budget.
- Any individual variances in a district's Tentative Budget in excess of 25 percent from a district's Preliminary Budget.
 - Not Applicable for Preliminary Budget Submittal.
- Any program expenditures as described in section 373.536(5)(e)4.e,(Outreach) and f. (Management and Administration) in excess of 15 percent of a district's total budget.
 - The District's Outreach and Management and Administration programs do not exceed 15 percent of the District's total budget as illustrated below.

State Program	FY2019-20 Preliminary Budget	% of Total Budget
5.0 Outreach	\$1,131,666	0.1%
6.0 District Management & Administration	\$37,672,218	4.6%
Grand Total (Programs 1.0 through 6.0)	\$813,129,787	100%
5.0 & 6.0 Total	\$38,803,884	4.8%

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F. Budget Development Calendar and Milestones

Date	Activity
October 1 st	New Fiscal Year Begins.
October	Preliminary Budget Development Begins.
October – December	Present draft Preliminary Budget to the Governing Board.
December	Preliminary Budget due to FDEP for review.
January 1 st	TRIM Certification of Compliance or Noncompliance with section 200.065, F.S. due to the Department of Financial Services pursuant to section 373.503(6), F.S.
January 15 th	Preliminary Budget due to Legislature pursuant to section 373.535(1)(a), F.S.
March 1 st	Legislative comments regarding the Preliminary Budget due to the districts pursuant to section 373.535(2)(b), F.S.
March 15 th	Districts shall respond to Legislative comments in writing pursuant to section 373.535(2)(b), F.S.
April – May	District continues evaluation and refinement of the budget.
June 1 st	Taxing authorities receive estimates of taxable values for TRIM purposes from the county property appraisers.
July 1 st	Receive certified taxable values from county property appraisers pursuant to section 193.023, F.S. for TRIM purposes of computing the millage rates and taxes to be levied. If the Legislature does not take any action, water management districts may proceed with budget development pursuant to section 373.535(2)(c), F.S.
On or before July 15 th	District Governing Board adopts the proposed millage rates and approves the August 1 st submittal of the Tentative Budget pursuant to 373.536(2), F.S. on July 11 th .
End of 2 nd week of July	Tentative Budget due to FDEP for review. Please see FDEP annual calendar for specific date requirements.
August (TBD)	Tentative Budget presented to legislative staff.
August 1 st	Tentative Budget due to the Governor and Legislature pursuant to section 373.536(5)(d), F.S.

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Date	Activity
August 4 th (35 days after TRIM above)	TRIM – DR-420 forms due to county property appraisers and tax collectors pursuant to section 200.065(2)(b), F.S.
September 5 th	Comments on the Tentative Budget due from legislative committees and subcommittees pursuant to section 373.536(5)(f), F.S.
September 10 th	Tentative Budget is posted on the District’s official website 2 days prior to the public hearings pursuant to section 373.536(5)(d), F.S.
September 12 th	Public hearing at 5:15 p.m. to adopt the tentative millage rates and tentative budget at the SFWMD district headquarters located at 3301 Gun Club Road, West Palm Beach, FL 33406 pursuant to sections 373.536(3) and 200.065(2)(c), F.S.
September 15 th	Certify by resolution the Everglades and C-139 agricultural privilege tax roll to the tax collector of each county in which a portion of the EAA/C-139 is located pursuant to sections 373.4592(6)(b) and 373.4592(7)(b), F.S. Submit DR-408A Certificate to Non-Ad Valorem Assessment Roll to the county tax collector.
September 24 th	Public hearing at 5:15 p.m. to adopt the final millage rates and final budget at the SFWMD district headquarters located at 3301 Gun Club Road, West Palm Beach, FL 33406 pursuant to sections 373.536(3) and 200.065(2)(c), F.S.
September 27 th	Submit executed resolutions to property appraisers/tax collectors which must be received no later than 3 days after adoption pursuant to section 200.065, F.S.
September 30 th	District Fiscal Year Ends.
October 4 th	District submits the Adopted Budget within 10 days after adoption to the Governor and Legislature pursuant to section 373.536(6)(a)1, F.S.
October 24 th	District submits TRIM Certification of Compliance package to the Department of Revenue within 30 days after adoption pursuant to section 200.068, F.S.

III. BUDGET HIGHLIGHTS

A. Current Year Accomplishments and Efficiencies

Below are a few highlights of what has been accomplished in this fiscal year to date and what is anticipated to be completed during the remainder of Fiscal Year 2018-19.

Accomplishments

1.0 Water Resources Planning and Monitoring

This program includes all water management planning, including water supply planning, development of minimum flows and levels, and other water resources planning; research, data collection, analysis, and monitoring; and technical assistance (including local and regional plan and program review).

Water Supply

- Water Supply Plan Updates –
 - Lower West Coast (LWC): Completed transient calibration of the LWC Surficial Aquifer System/Intermediate Aquifer System Model.
 - Lower East Coast (LEC): The Governing Board approved the 2018 LEC Water Supply Plan Update in November 2018. This included completion of the draft plan, conducting a public workshop and comment period, and revising the draft to address public comment.
 - Lower Kissimmee Basin (LKB): Initiated the 5-Year update to the LKB Water Supply Plan. Established internal team and held internal kick-off meeting. Initiated development of demand projections through 2040 for the six water use categories and continued coordination of the groundwater modeling effort in support of the 2019 LKB Update.
- Central Florida Water Initiative (CFWI): Continued implementation of the 2015 CFWI Regional Water Supply Plan including the 2035 Water Resources Protection, Water Supply Strategies Plan. Continued development of the 2020 Update. Water Supply staff are participating on several technical teams. Completed construction of two Upper Floridan aquifer wells; completed design, conducted bidding, and initiated construction for a Lower Floridan aquifer well at Deseret Ranch site as part of CFWI Data Monitoring and Investigation Team (DMIT) efforts. Finalized steady-state calibration and initiated transient calibration of the East Central Florida Transient Expanded (ECFTX) Model.
- Cooperative Funding Program (CFP) – Staff continued contract and project management responsibilities associated with the Alternative Water Supply (AWS) and Water Conservation project contracts. In September 2016, the District Governing Board approved \$9.1 million to fund 71 CFP projects for cost-share funding to local partners for project construction over a two-year period (Fiscal Year 2016-17 and Fiscal Year 2017-18) for stormwater (31), alternative water supply (14) and water conservation (26) cooperative funding efforts.

III. BUDGET HIGHLIGHTS

- The construction of 19 projects have been completed (4 AWS projects, 6 stormwater projects, and 9 water conservation projects) and there have been 9 projects cancelled by the project partners (1 AWS project, 4 stormwater projects, and 4 water conservation projects). Ongoing construction/implementation is still underway for 24 projects (5 AWS projects, 9 stormwater projects, and 10 water conservation projects). Pursuant to Governing Board direction, a time extension has been granted for the remaining 19 projects (4 AWS projects, 12 stormwater projects, and 3 water conservation projects) with completion planned in Fiscal Year 2018-19.

Big Cypress Basin

- Executed two Big Cypress Basin Interagency Funding agreements to provide cost-share funding totaling \$1.3 million to local governments for flood control through stormwater management improvements, alternative water supply and ecosystem restoration projects:
 - City of Naples West Goodlette/Rosemary Heights Septic Sewer Conversation, and
 - Collier County – Cocohatchee/Palm River Conveyance Improvement.
- Executed four interlocal contracts totaling \$1.2 million for services including:
 - Collier County Surface Water,
 - Collier County Ground Water Monitoring,
 - SR 29 Canal Maintenance, and
 - Collier County Secondary System Memorandum Of Understanding (MOU).

Water Quality

- Mercury and Other Toxicants: Proposed revisions to the FDEP Protocol and CERP Guidance Memorandum (CGM-42) for monitoring mercury and other toxicants were approved by FDEP and USACE. Proposed changes included reducing the phases of mercury monitoring, resulting in more consistent year to year monitoring, allowing for ease of budgeting, and reducing the overall monitoring duration for restoration projects from 9 years to 5 years. This will align the protocol monitoring with the life of the regulatory permits.
- National Pollutant Discharge Elimination System (NPDES) Electronic Reporting: Worked with FDEP IT to develop the capability to submit NPDES Discharge Monitoring Reports (DMR) electronically (monthly and annually) via FDEP's EzDMR system, in accordance with US e-Permitting System rules. This District received a one-year temporary waiver from FDEP so FDEP could develop the capability to incorporate the unique features of the District NPDES permit. This capability was developed and tested early in 2018 and should be fully implemented in the second quarter of Fiscal Year 2018-19.
- High Water Emergency Final Order: Drafted the After-Action Report for the 2018 Emergency Measures Due to Highwater Conditions in South Florida Region, required by

III. BUDGET HIGHLIGHTS

FDEP Final Order OGC No. 18-1066. The Emergency Final Order (EFO) was issued on June 20, 2018.

- South Florida Environmental Report (SFER): Completed internal and external peer review of draft sections of the 2019 SFER. The final 2019 SFER is scheduled to be published and submitted to the Governor, Legislature, and other key stakeholders on March 1. This mandated annual report consolidates peer-reviewed research, data analyses, financial updates, a searchable database of environmental projects, annual permit reports, and project status updates.
- Laboratory Management System (LIMS) Upgrade: In December 2018, a team led by the Water Quality Bureau Analytical Services Section (District Chemistry Laboratory) completed the mission critical project to upgrade the existing Oracle forms based, version 11, LIMS client server to a fully supported web-based system (version 12.6). Implementation of the new LIMS involved numerous users from Water Quality Bureau, Applied Sciences Bureau, along with Data Stewards, IT, the vendor, field collectors, and data users throughout the District.

Applied Sciences

- Completed the 2019 System Status Report (SSR). This multi-agency document lead by the Applied Sciences Bureau staff, principle investigators, and state and federal agency collaborators will assist decision-makers with the timing, planning, and implementation of Comprehensive Everglades Restoration Plan (CERP) projects, inform adaptive management actions, and identify uncertainties that need further study to assure restoration success. The report details the evaluation of system-wide ecological indicators and used performance measures and their targets to measure restoration progress. The SSR also provides the scientific foundation for the 2020 Report to Congress.
- Completed soil degradation analysis in the low salinity environment of the Everglades National Park (ENP) as part of the Florida Sea Grant Peat Collapse Program, which showed that rates of soil loss and carbon release increases with salt water intrusion especially when combined with a lack of freshwater during the dry season.
- Completed the 2018 Wading Bird Report. Nature and water management combined, resulted in a record-breaking nesting season for wading birds, especially for White Ibis nests, which exceeded 95,000. Completed 2018 surveys indicated that numerous performance targets were exceeded and provided strong evidence for the return of historic super colonies.
- Completed a Draft of the Lake Okeechobee chapter of the 2019 System Status Report (SSR) update documenting the key findings of 10 ecological indicators used to assess the relationship between lake stage, nutrient condition, and key floral and faunal communities in Lake Okeechobee. These key indicators were also used to develop a RECOVER Report Card assigning scores to each ecological indicator to provide decision makers and the public with easy to understand information about the state of the health of Lake Okeechobee.
- Completed the Annual August Submerged Aquatic Vegetation (SAV) Mapping, which documented substantial loss of SAV throughout the growing season after Hurricane

III. BUDGET HIGHLIGHTS

Irma; declining to the lowest acreage since the previous hurricanes in the mid-2000s. However, the first stages of recovery have been seen in bulrush habitats and SAV in bays and protected areas in the fall of 2018 as Lake stages decreased.

Hydrology and Hydraulics

EAA Storage Reservoir (SB10) Design and USACE Support - Modeling and Analyses:

- Assisted the USACE in development of a Project Management Plan to finalize required NEPA and consultation for the recently authorized EAA Storage Reservoir.
- Facilitated development of the Scope of Work (SOW) for an-in-depth canal conveyance assessment for Miami and North New River Canals (the EAA canal conveyance improvements).

Canal Conveyance Analyses

- Completed the C-1W, C-1N Belaire hydraulic model calibrations.

Flood Protection Level of Service and Sea Level Rise

- Identified capital projects and initiatives based on the findings of the Flood Protection Level of Service Study for specific watersheds in Big Cypress Basin.
- Continued efforts under the Flood Protection Level of Service program including initiation of Fiscal Year 2018-19 contracts and ongoing updates to SFWMD basin atlases and structure books.
- Recommended capital projects to improve flood protection capacity of the system and provided input to local mitigation strategies and a new USACE coastal resilience initiative (Miami Back Bay Study).
- Completed calibration of storm surge modeling in Biscayne Bay.
- Continued collaboration with local governments including Broward and Miami-Dade counties to provide District's expertise in sea level rise.

Flow Estimates at Water Control Structures

- Developed and/or improved flow rating at 85 new water control structures.
- Resolved flow rating issues at over 20 structures.

Water Control Planning and Operations Support

- Completed revised Operation Plans for STA5/6 and Lakeside Ranch STA .
- Prepared and circulated Water Conditions Monthly Report, Position Statement Weekly Report, Monthly Dynamic Position Analysis (DPA) for complete water management system, Mid-Months DPA to support High Water Emergency operations.

III. BUDGET HIGHLIGHTS

- Completed tool development and maintenance for modeling support and technical reviews.
- Provided district-wide modeling, hydrologic and hydraulic technical reviews on modeling and design project work scopes and deliverables.
- Maintained and developed updated versions of enterprise modeling tools used to support District priorities. This includes the improvements to the Regional Simulation Model (RSM) and completion of initial simulation modeling of the 1965-2016 period of record extension initiative.
- Continued model archiving for SFWMD, FDEP and other water management districts into the Statewide Model Management System (SMMS).
- Provided modeling analyses and support to the City of Bonita Springs regarding the Logan Blvd extension project.

2.0 Land Acquisition, Restoration, and Public Works

This program includes the development and construction of all restoration capital projects, including water resource development projects/water supply development assistance, water control projects, and support and administrative facilities construction; cooperative projects; land acquisition and the restoration of lands and water bodies.

Everglades Water Quality Improvement

- Completed construction on the STA 1W Expansion #1 and initiated design of the 1,800 STA 1W Expansion #2.
- Initiated construction on the STA 5/6 Internal Improvements.
- Completed construction of the G-341 Bolles Canal East Segment 3 and completed design and initiated construction on G-341 Bolles Canal East Canal Segment 4.
- Initiated two new studies for the Restoration Strategies Science Plan: i) L-8 FEB and STA Operational Guidance, and ii) Quantifying Phosphorus Uptake and Release from Periphyton and Phytoplankton Communities. The Science Plan studies (nine total studies currently underway) are being conducted to find ways to further improve phosphorus reduction mechanisms in the Stormwater Treatment Areas.

Comprehensive Everglades Restoration Plan

- Received Congressional approval of the Central Everglades Planning Project Post Authorization Change Report in the Water Resource Development Act (WRDA) of 2018 and initiated site investigations in support of the review assessment and design phase.
- Completed construction of the S-476 Pump Station; completed design and initiated construction of the C-43 Reservoir Package 4 for the Caloosahatchee River West Basin Storage Reservoir.
- Completed construction of the C-44 Pump Station.

III. BUDGET HIGHLIGHTS

- Obtained exemption approval of the Loxahatchee River Watershed Restoration Project from the Assistant Secretary of the Army, Civil Works, for completion of the feasibility study.
- Completed optimization of the Lake Okeechobee Watershed Restoration Project selected plan and began documentation of the Final Integrated Project Implementation Report and Environmental Impact Statement. Completed dam breach analyses for several potential reservoir configurations and location in support of Lake Okeechobee Watershed Reservoir Project (LOWRP).
- Initiated preliminary project planning with the USACE and internal coordination on the Lake Okeechobee Regulation Schedule Update 2022 (LORS22).
- Completed earthwork activities on the interior of the C-111 South Dade Project North Detention Area to improve project benefits and operational performance. Completed model development and application in support of the C-111 South Dade Post Authorization Change Report for the replacement of the temporary S332B and S332C pump stations. Began application of a finer scale RSM model, Miami-Dade (MDRSM) for more detailed investigations in the South Miami Dade County area. Completed hydraulic design for S333N structure.
- Completed construction of the Broward County Water Preserve Area (BCWPA) mitigation berm and initiated seepage modeling for design of the C-11 Impoundment.
- Supported the continued operation of the L-31E Interim Pump and maintained the L-31E canal stage at an optimal level to deliver freshwater to the coastal wetlands. Completed implementation of the remaining L-31E Culverts 706A, 706B, 706C and 708 that provide additional freshwater flow to remnant tidal creeks and coastal wetlands in Biscayne National Park.
- Completed the Picayune Strand Restoration Project (PSRP) preliminary round of modeling results for the southwest protection features and associated alternatives. Amendment 1 to the PSRP Project Partnership agreement was submitted to USACE Headquarters for anticipated approval. Negotiations with the Florida Forest Service on the joint management agreement continued and are expected to come to completion in the near term. Acquired one tract containing 2.5 acres on the eastern boundary of the project to mitigate flood impacts.
- Completed Decomp Physical Model Phase 1 and initiated Phase 2. Phase 1 demonstrated the hydrological operations and vegetation management techniques needed to recreate historic sloughs and flow directions, expand flow velocities, redistribute sediments to restore iconic ridge-slough microtopography, shift algal communities, and reduce canal exports of phosphorus downstream. Phase 2 will expand these techniques into WCA-3B and explore the implications of algal shifts and canal backfilling.

Northern Everglades and Estuaries Protection Program (NEEPP)

- Completed Emergency Estuary Protection Wells site evaluation, developed design and technical specifications for two well sites, and awarded construction of one well at the Kissimmee ASR site with planned completion in 2020.

III. BUDGET HIGHLIGHTS

- Completed construction on the Lake Hicpochee Hydrologic Enhancement Project.
- Initiated construction of the Brighton Valley water treatment project. This project will treat rainfall and excess water pumped from the C-41A canal on approximately 8,142 acres of private agriculture lands. It is estimated that the project will treat an average of 39,765 acre-feet of water per year with an estimated average water quality benefit of 3.2 metric tons of total phosphorus and 27.3 metric tons of total nitrogen per year. Construction completion planned for October 2019.
- Executed Bluefield Grove Water Farm and Scott Water Farm projects. These Northern Everglades Public Private Partnership projects will provide an average water quantity benefit of 57,365 acre-feet of water retained per year, diverting flows from C-23 and C-25 that would otherwise have gone to St. Lucie Estuary.
- Completed design and initiated construction of BOMA Basin 2 and 3 above ground impoundment repairs.
- Completed C-43 (BOMA) Bioassays and Mesocosm project sampling and analysis to determine whether total nitrogen removal is possible using subaquatic and emergent aquatic vegetation. Final report planned for June 2019.
- Completed the final construction contract inspection for the Kissimmee River Restoration C-37 Embankment Armoring and identified remaining list of items that need to be completed prior to feature transfer and long-term operations and maintenance.
- Completed the Kissimmee River Restoration Area Floodplain Management Plan Supplement (2018-2023). The purpose of this document is to provide long-term land management goals and objectives for the 17 primary management units within the 100-year floodplain of the Kissimmee River Restoration Project (KRRP).

3.0 Operations and Maintenance of Lands and Works

This program includes all operation and maintenance of facilities, flood control and water supply structures, lands, and other works authorized by Chapter 373, F.S.

Field Operations Regions 1, 2, 3

- Temporary pumps were installed at the A1 FEB to draw down water levels allowing access to stockpiles of material to be utilized in the EAA Reservoir.
- Installed emergency temporary pumps in L-8 to recharge the draining canal network, isolated ponds and water table aquifer levels in the Deer Run, Equestrian Estates and White Fences communities.
- Performed in-house backup generator replacement at 2 water control structures.
- Performed muck removal on approximately 107 acres in the footprint of the EAA Reservoir to provide a storage location for materials that will be utilized in the construction of the reservoir.

III. BUDGET HIGHLIGHTS

- Protected the integrity of the L-12 levee by improving drainage with the replacement of ten berm culverts.
- Received 9,046 tons of rip rap and 1,879 tons of bedding stone for the repair of STA 1E distribution cell.
- Operated four temporary pumps in Lakeside Ranch Phase 2 for water storage and to allow for required startup sampling.
- Installed eight 96" x 100' culverts for an access road from STA 5/6 to C-139 for the transportation of materials from STA 5/6 during the upcoming enhancement project.
- To create 350 acres of aboveground impoundment at the BOMA site, 42 acres were cleared and grubbed, 43,575 cubic yards of material were excavated and transported, and 4,100 feet of levee were improved.
- Installed a 5,100 cubic foot parking lot for the Okeechobee Service Center.
- Removed one project culvert in the Homestead area that was failing and no longer required for drainage.
- Completed 1,788 planned preventative maintenance activities on District infrastructure including pump stations, gravity control structures, electrical and instrumentation components, canals, levees, fleet vehicles and heavy equipment.
- Performed repair and grading of 240 miles of roads.
- To ensure proper operation of the District flood control system, 5,127 cubic yards of aquatic vegetation were removed from canals.
- To control invasive plants and protect the integrity of District levees, 1,044 acres of terrestrial vegetation were mechanically removed.
- District pump stations collectively pumped 7,057 acre/feet of water from October through December 12, 2018.

Right of Way

- Processed 99 permit applications, which consisted of 84 Right-of-Way Occupancy Permits/Modifications and 15 transfers.

Engineering and Construction

- Completed construction of the S-34/S-141 Replacements and G123 Removal, WPB Field Station Project Culverts, B-66 Tower Replacement, S-39A Culvert Replacement, G-58 Replacement, S-48 Repairs, L-28 Generator Replacement, S-194 Replacement, (Supervisory Control And Data Acquisition) SCADA System Replacement, G-310/G-434 Roof Replacements, S-82/S-72/S-75 Structure Refurbishments, BCB Curry Canal Structure, C-4 Canal Bank Improvements Palmetto Phase 2, BCB Remote Monitoring and Communications Phase 2, S-140 Pump Station Refurbishment, S-151 Structure

III. BUDGET HIGHLIGHTS

Replacement, Merritt and Faka Union Generator Cooling Retrofits, and the C-100A Tree Removal Segment 4.

- Initiated construction of the C-20 & C-21 Dredging, WPB Paint Shop Facility, C-100A Segment 4, G-335 Roof Replacement, Microwave Tower Loop Radio Replacements, BCB Remote Monitoring and Communications Phase 3, IT Shelter Replacements at Miami Field Station & Miami South Towers, S-40/S-41/S-44 Refurbishments and on the C-139 Annex Restoration Phase 2.
- Completed design of the S-9 & S-9A Trash Rake and Pump Station Refurbishments, S-65D Spillway Refurbishment, G-310 & G-335 Trash Rake & Waterproofing Improvements, FTL Field Station Overhead Crane, and S178 Automation and Gate Replacement.
- Implemented emergency high water conditions and pilot test operations of the C-51 Reservoir Pump Test Project to reduce damaging regulatory discharges to the northern estuaries.

Real Estate

- Acquired three (3) tracts containing 5.08 acres for the Shingle Creek Project in Orange County, at a cost of \$142,200.
- Received two (2) temporary construction easements containing 183.50 acres for the C-20 and C-21 Canal project, at no cost to the District.
- Exchanged our Fee interest of 25.84 acres for 40.84 acres of Easement interest within the Kissimmee River, KR – Pool E Component, at no cost to the District.
- Disposed of an 85.22-acre spoil site near the C-43 Canal to Lee County, and received \$215,000.
- Disposed of a 0.122-acre easement along the C-4 Canal and received \$29,000.
- Received the 2nd installment payment of \$2,975,460. from Palm Beach County for an additional 21.1 percent interest in Tract W9100-176 (Pero).
- Processed 10 release of reservation applications with a release value of \$57,073.

Land Management

- Prescribe burned 2,982 acres of fire dependent plant communities and wetlands within Lake Okeechobee during quarter 1 to maintain and improve the ecological values associated with these habitat types. Acres of prescribe burning completed to date represent 19 percent of the established prescribe burn goal for the year. The majority of prescribe burning activities will occur during the dry season in quarters 2 and 3.
- Treated 904 acres of invasive upland exotic vegetation to maintain the ecological function and values of native plant communities on conservation lands.

III. BUDGET HIGHLIGHTS

- Completed all necessary site prep and coordination activities for the planting of native groundcover (maidencane) on 120 acres of the C-139 wetland restoration project site beginning on January 2, 2019. Commenced construction backfilling of the three-mile Lateral 15E Canal to restore historic wetland sheet flow onsite.
- Conduct ongoing monthly regulatory teleconferences with USACE/EPA/FWS to facilitate the permitting process for the C-139 wetland restoration project.
- Submitted draft C-139 12 Point Wetland Mitigation Plan to regulatory agencies in conformance with federal wetland mitigation rule. Completed draft of Two Party Implementation Agreement for final internal review.
- Administered 47 cattle grazing leases on conservation and project lands as a cost-effective land management tool to manage herbaceous vegetation on public lands, developed land management and BMP requirements for 8 new or amended/restated leases, and monitored BMP compliance to assure grazing activities are carried out in an environmentally appropriate manner.

Invasive Animal Management

- The Python Elimination Program removed 225 Burmese pythons during the first quarter of Fiscal Year 2018-19, bringing the total number of animals removed since the project's inception to 1,922. This represents, by far, the largest capture rate of pythons since naturalized pythons were discovered in Florida.
- Continued oversight of the Everglades Invasive Reptile and Amphibian Monitoring Program (EIRAMP). During the first quarter, EIRAMP biologists conducted three regional surveys for exotic reptiles and initiated a monitoring program to measure the impact of the Python Elimination Program on native mammal population recovery.

Recreation and Public Use

- Provided recreation opportunities including hiking, camping, hunting, fishing, bicycling, wildlife viewing, and equestrian use on over 680,000 acres of District public lands.
- Opened parking area and trailhead with 1.5 miles of hiking and 2.5 miles of equestrian trails in Southern Corkscrew Regional Ecosystem Watershed (CREW) (Flint Pen Strand Unit) of the CREW Management Area. The hiking trail, Billy G. Cobb Memorial Hiking Trail, was dedicated on November 30, 2018. The creation of the trail was a condition of the land purchase from the Cobb family for the restoration of Southern CREW.
- A memorandum of understanding was executed with the Town of Jupiter to partner and provide additional public use facilities and opportunities at the S-46 fishing platforms. The MOU will allow the District and Town to jointly participate in the management and maintenance of the public use at the site.
- Land Stewardship staff participated in the design of canoe portages for the Lainhart/Masten Dam refurbishment project that were environmentally and aesthetically compatible with the Wild and Scenic River designation for the Loxahatchee River. This project was selected as the winner of the 2018 Environmental Excellence Award from the Treasure Coast Chapter of the Florida Association of Environmental Professionals.

III. BUDGET HIGHLIGHTS

Upland and Wetland Invasive Species Management

- Managed 12 active invasive plant control projects resulting in the treatment of priority invasive plant species on over 146,739 acres of District natural areas, including 142,593 acres swept in the Loxahatchee National Wildlife Refuge.
- Completed 1,100-acre prescribed fire and follow-up herbicide applications for canegrass control evaluations. Results suggest that's a new and effective approach for canegrass management on heavily disturbed sites.
- Conducted rapid response control efforts for the newly detected invasive mission grass, including a multi-agency monitoring and control work day. Assessments suggest that eradication is no longer feasible, and a containment strategy is being adopted.
- Managed contracts for biological control development and implementation resulting in the release of approximately 7,500 Old World climbing fern (OWCF) mites and 22,000 OWCF moths (Loxahatchee National Wildlife Refuge, Everglades National Park, and Treasure Coast region), and 1,350 water hyacinth leafhoppers were released within the District boundary for control of three priority invasive plants. Further testing continued for two new agents for control of Old World climbing fern.

Stormwater Treatment Area Operation, Coordination, and Management

- Treated 1,002 acres of undesirable vegetation and planted 300 acres of emergent vegetation within the District Stormwater Treatment Area (STA) system.
- Led STA tour for Seminole Tribe of Florida to discuss design and operation of Flow Equalization Basins.
- Helped coordinate back pumping operation at Lakeside Ranch STA Operations with Field Operations and Water Managers.

Infrastructure Management Section

- Inspection Programs: Issued work orders to four firms for the Structure Inspection Program (SIP), staff has coordinated USACE cost-shared inspections, and has completed 432 scheduled multidisciplinary SIP engineering inspections for 114 water control structures. A multi-year contract and work order were awarded to one firm for the Microwave Communication Tower Inspection Program. The Roof Inspection Program has completed 12 roof inspections.
- Unscheduled Requests: Completed 121 unscheduled requests, which typically involve urgent maintenance/repair of the District's water control system. The unscheduled issues included major pump stations, water control structures, roofs, manatee protection systems, and miscellaneous issues (e.g., towers, erosion, permits, fuel, generators, seawalls, levees, canal banks, bridges, field station facilities).
- Operations Technology engineering specialty is part of the Infrastructure Management Section and provides engineering support for critical infrastructure that uses computer automation to control instrument pump stations and other equipment. A top priority is protecting against Cybersecurity threats. An additional Standardization (STAN) Team is

III. BUDGET HIGHLIGHTS

focused on standardization across all field stations for the Instrument and Control (I&C) maintenance, modification, upgrades, and troubleshooting.

Hydro Data Management Section

- Data Processors processed 296,612 station days (813 station years) of real-time data and fully automated the evaporation pan at S140W to produce more reliable data. Quality Assurance staff performed quality assurance on over 320 legally mandated sites (29,109 station-days), extended the historical records and improved data acquisition of Next Generation Weather Radar rainfall, Geostationary Operational Environmental Satellite solar radiation, potential and reference evapotranspiration (ET) parameters, and generated an extra 42 instantaneous and daily flow single time series. Stream gauging staff performed 38 discharge measurements, site visits, and reconnaissance trips (7 for rating improvements, 1 reconnaissance trip, 1 Acoustic Doppler Flow Meter installation, 4 in support of water management issues and 25 for real-time flow monitoring at the 3 tributaries of the Caloosahatchee River).

SCADA Section

- SCADA (Supervisory Control And Data Acquisition) Maintenance performed 716 preventative maintenance site visits and made 256 repairs on additional sites, completed 87 NAVD88 datum conversions, and performed Remote Telemetry Unit software program equipment installation/upgrades at 87 sites.
- SCADA Design and Installation completed the following: 1 site rebuild, deployment of 4 Motorola ACE 3600 to new/existing sites, deployment of 3 Campbell CR1000 to new/existing sites, 21 panel builds, and 5 field certifications, and participated in 12 construction project design reviews.

Survey and Mapping Section

- Completed or implemented various Canal Tree/Vegetation Management support surveys including C-15, C-11, C-14, and C-51 canals.
- Performed project management and contract surveying services that supports design, planning, and science results for the Central Florida Water Initiative (CFWI) Project, which is a multi-agency initiative.
- Completed or implemented various canal conveyance analysis or hydrographic surveys, which included C-41, C-14, C-15, C-100, Golden Gate, I75, Green, Coco, Cypress, and C-1-Connector canals.
- Supported SCADA & Hydrology well monitoring, new works, repairs or replacements for new projects such as Lakeside Ranch, L-8, C-43, and STA 1 Expansion.
- Supported Real-Estate Department initiatives, which included Kissimmee River Restoration Project, C-43, L-8, Lakeside Ranch, District monitoring stations, and well site boundary and access easements.
- Provided professional surveying and mapping services supporting the Legal Department Expert Witness projects, which included Picayune Strand and C-4/Tamiami Canal.

III. BUDGET HIGHLIGHTS

- Provided surveying and mapping services supporting the ongoing BOMA storage Basin Above Ground Impoundment Surveys.
- Equipment, training, and staffing advancements made within the Operations of the Unmanned Aerial Systems (UAS) Drone and hydrographic surveying workflows.
- Established a state-wide cooperative agreement with government Surveying & Mapping agencies for the planning and implementation of the upcoming National Geodetic Survey (NGS) 2022 Vertical and Horizontal Datum Adjustment.

Facilities

- The elevator on the west side of B-1 has been renovated with new walls and hardware.
- The auditorium and the corridor alongside the auditorium were fitted with new carpet.
- The New Okeechobee Service Center was renovated and ready for staff to move in third week of December.
- The Orlando Service Center footprint was reduced to make efficient use of space. A new conference room and some hard-walled offices were built to accommodate the changes.
- A contract was signed for a breezeway between B-1 and B-2. Work is in progress and the walkway will be completed by the end of February 2019.
- A new motor pool parking lot was created to make it easier for staff to access fleet vehicles.
- Renovated and modernized the EOC.
- Replaced B-1 Automatic Transfer Switch.
- Removed wooden planters in the Atrium to modernize and make efficient use of the space.
- Upgraded building management systems for the buildings in HQ as well as the FOC.

Security

- Renewed HQ Security contract with G4S security and improved security by adding another security guard in B-2.
- Replaced Analog Cameras with IP Cameras.
- Installed Security system at new Okeechobee Service Center.
- Replaced remaining DVRs with NVRs.

III. BUDGET HIGHLIGHTS

Aviation

- Issued Purchase Order for refurbishment of N460WM; work to be completed in Fiscal Year 2018-19.
- New Bell 206 helicopter purchase completed; this helicopter will be used as float helicopter once refurbishment is completed on N407WM (Fiscal Year 2018-19).
- All pilots completed Bell 407 Recurrent Training.
- Continued with day-to-day routine maintenance of helicopter fleet.

Fleet

- Currently receiving heavy construction equipment for C-44 and STA 5 projects, purchased at the end of Fiscal Year 2017-18.
- Mid way through the purchasing of vehicles, vessels and heavy equipment for Fiscal Year 19 Fleet Replacement schedule. Includes (3) new airboats, mulching tractor, 18CY dump truck and lowboy trailer.
- Purchasing construction equipment, vessel and trailers for Big Cypress Basin for Fiscal Year 2018-19.
- Replacing two vehicles involved in accidents and not repairable.

Emergency Management

- Completed final draft of the Comprehensive Emergency Management Plan rewrite, streamlining it from approximately 500 pages to under 100; will be working with legal for to prepare for Governing Board approval.
- Conducted training for the SAP database tool for maintaining emergency assignments for all District staff.
- Collaborated with EOC team and IT to migrate EOC Network share drive to SharePoint for incident documentation management, including photographs and videos related to emergency incidents and Hurricane Freddy exercises.
- Provided technical assistance to SOP coordinators in the update of their storm SOPs.
- Coordinated with EOC Command and General staff for the appropriate assignment of staff to emergency roles.
- Performed WebEOC testing.

Occupational Safety

- Completed Safety Review of engineering plans and specifications on multiple projects.

III. BUDGET HIGHLIGHTS

- Developed and conducted the following safety training at each field station: 8-hour Hazardous Waste Operations and Emergency Response Operations Level II courses as required by EPA regulations; Monthly 1-hour All-Hands Safety Training on a variety of safety topics and weekly new hire indoctrination training. In addition, conducted quarterly Defensive Driving training and monthly CPR/AED/1st Aid training throughout the District. Specialty courses conducted at various locations include US Coast Guard Auxiliary Safe Boating, Mobile Crane Certification Training, Airboat Instructor Courses, Fall Protection Awareness Training, Chainsaw Operator Training, ATV Operator Training.
- Conducted multiple Safety inspections at each field station, pump station and service center in addition to annual Local Authority Having Jurisdiction Fire Marshal Inspections and US Coast Guard Auxiliary Vessel Examinations of all District watercraft. Completed ergonomic assessments of individual workstations throughout the District. Completed Sound Level Surveys at pump stations throughout the District, coordinated the reduction of high noise levels with affected field stations, coordinated the Annual Audiometric Testing of all District employees exposed to high noise levels.

4.0 Regulation

This program includes water use permitting, water well construction permitting, water well contractor licensing, environmental resource and surface water management permitting, permit administration and enforcement, and any delegated regulatory program.

Regulatory Streamlining and Consistency

- Participated in discussions on updates to the Operating Agreement with FDEP and the other Water Management Districts.
- Coordinated Environmental Resource Permitting (ERP) database changes with Broward and Miami-Dade counties for consistency.
- Water Use staff continue to participate in Central Florida Water Initiative (CFWI) Regulatory Team's Uniform Agricultural Demands Workgroup (led by FDACS). This Workgroup is charged with developing a tool that can be used to calculate uniform agricultural demands for agricultural permits in the CFWI area.
- Water Use staff are actively participating on the CFWI Regulatory Team and the ongoing rule development process led by FDEP. The Regulatory Team is tasked with, among other things, establishing consistent rules and regulations for the three water management districts within the CFWI area. Staff reviews draft rules, provides input and attends publicly noticed workshops.
- Regulation staff coordinated with Information Technology team for a complete rewrite of permit and post permit compliance database, currently finishing permitting, migrating data and compliance for ERP which is scheduled to be completed in the first half of Fiscal Year 2018-19 at which time the water use portion of the system will be addressed.

III. BUDGET HIGHLIGHTS

Application Review and Public Involvement

- Application Reviews – the District will provide timely evaluation and review of an estimated 2,400 Environmental Resource and 1,900 Water Use Permit Applications (including transfers).
- Public Involvement – Continued to host monthly public meetings to provide opportunities for the public to comment on pending Water Use and Environmental Resource Permit applications.
- Staff has held numerous outreach meetings throughout the course of the year with various governmental entities. Staff also continues to work on several projects throughout the District such as the Central Florida Water Initiative (CFWI) and the Kissimmee Water Reservation Project.
- Water Use Staff have enhanced the level of coordination with Water Supply Planning to further strengthen the linkage as described in the FDEP guidance memorandum on the subject. These enhancements include staff review of utility profiles, and increased coordination on the review of utility profiles, and increased coordination on the review of conservation plans and population projections.
- Water Use staff engage in monthly telephone conferences with regulatory staff from SJRWMD and SWFWMD to coordinate the review of proposed withdrawals in one district which may impact another district as stipulated in the Memorandum of Understanding executed by the three water management districts on October 24, 2000.

Compliance and Enforcement

- Construction Certification – Continued the Construction Certification effort by accepting 159 construction completion certifications for current projects in 1st Quarter, Fiscal Year 2018-19.
- ERP staff reviewed 87 environmental monitoring reports for compliance with permit conditions in 1st Quarter Fiscal Year 2018-19.
- Coordinated with and assisted permitting staff to reduce the number of permit applications that are in a no response status greater than 90 days.
- ERP staff reduced the environmental deliverable backlog by over 99%. Out of 401 backlog projects, 397 projects no longer have outstanding submittals and are now in compliance with the permit.

5.0 Outreach

This program includes all environmental education activities, such as water conservation campaigns and water resource education; public information activities; all lobbying activities relating to local, regional, state, and federal governmental affairs; and all public relations activities, including public service announcements and advertising in any media.

- Planned, conducted and hosted two events:

III. BUDGET HIGHLIGHTS

- Nov. 15 (media event) - An EAA Without Delay with Governing Board Chairman Fernandez, showcasing work being done to expedite the Everglades Reservoir Storage project.
- Nov. 30 (dedication) – Billy G. Cobb Memorial Trail Dedication with Governing Board Member Rick Barber at Corkscrew Regional Ecosystem Watershed (CREW) in southern Lee County.
- Created 8 new videos for SFWMD-TV YouTube channel.
- Robust social media program now has 4,251 Facebook followers (3,903 page likes) and 15,277 Twitter followers.
- Wrote and disseminated 39 news releases via Constant Contact as well as created 24 Op Eds, letters to the editor, public officials and talking points and speeches. Developed 2 infographics and 3 presentations for Governing Board members and Executive team as well as 40 fact sheets for the public.
- External website received approximately 533,000 page-views during this quarter.
- Planned, designed and created nine large displays for B-1 auditorium and Executive area.

6.0 District Management and Administration

This program includes all governing and basin board support; executive support; management information systems; unrestricted reserves; and general counsel, ombudsman, human resources, budget, finance, audit, risk management, and administrative services.

Administrative Services

- With respect to Hurricane Irma, the Finance Bureau has worked with several other internal as well as external organizations in requesting, gathering, compiling and submitting vast amounts of data and supporting documentation as part of a comprehensive Request for Public Assistance filed with FEMA. Currently, the Project Worksheets for Categories A (Debris Removal), B (Emergency Protective Measures), C (Roads/Bridges), D (Water Control Facilities) and E (Buildings and Equipment) have been submitted to FEMA. Some of these Project Worksheets involve permanent restoration, which has not been fully completed by the District and thus the submittal of such supporting documentation is ongoing. The Finance Bureau continually pursues every legal opportunity to maximize FEMA reimbursement funding. Many of the other Project Worksheets have been reviewed by FEMA but have been returned with Requests for Information (RFI).
- Asset Management - Fiscal Year 18 Annual Physical Asset Inventory 98.56 percent find rate. Processed greater than 5,000 items for disposal with 4,300 items sold via online auction. Revenue from sales of surplus assets: \$482,000.
- Coordinated and developed the Fiscal Year 2019-20 Preliminary Budget.

III. BUDGET HIGHLIGHTS

- Updated the five-year reserve allocation plan for the Fiscal Year 2019-20 Preliminary Budget, identifying funds from accumulated reserves to implement the priorities of the Governing Board in support of critical water resource projects.
- Received Compliance Certification of Truth in Millage (TRIM) submittal from the Florida Department of Revenue for the Fiscal Year 2018-19 Budget.
- Coordinated the update of future cost estimates for new works of the District for water management systems operations.
- Updated the 5-year forecast and presented the draft Preliminary Fiscal Year 2019-20 Basin Budget to the Big Cypress Basin Board.
- Conducted multiple runs of the in-house developed Healthcare budget regression forecasting tool that provides a five-year window into anticipated healthcare claims expenditures. Tool was fully automated this year to accept monthly SAP healthcare insurance expenditures to improve its forecasting capabilities. The tool uses Federal inflationary CPI forecasts and historical District healthcare expenditure trend statistics to drive three different forecast categories: funding of full FTE authorization, full authorization minus 80 positions and actual number of currently employed personnel. In day to day support efforts, developed numerous tools for the HR Benefits Group that help automate monthly claims fee reporting, forecasted membership revenue generation and the monthly benefit membership report for HR.
- Reviewed and developed alignment of the performance metrics for the District's 2018 Strategic Plan, Annual Work Plan (SFER VOL II Chapter 2), the DEP Water Management District Performance metrics and the annual Budget Performance metrics. Revisions included elimination of some metrics and adding others to better measure the District's execution of its long-term goals. Strategic Plan was submitted and accepted by the Governing Board on schedule.
- Conducted an agency wide FLSA audit and implemented compliance recommendations.
- Partnered with IT to create a new area in SAP to capture union dues.
- Complied with the Governor's Executive Order to ensure Sexual Harassment Training was completed by 100 percent of staff.
- The Purchasing section processed 1,320 purchase orders for a total of \$12,130,557.58 during the first quarter of Fiscal Year 2018-19 thus far.
- Purchase orders were awarded for heavy equipment and accessories, off-road diesel fuel and portable toilets to support the DEP/SFWMD cost-share project designed to remove unwanted vegetation and materials from Cells 2A and 3A to increase the ability of water to flow into the Stormwater Treatment Areas (STAs).
- Six (6) general contractors were pre-qualified through a two-step solicitation process for the C-43 West Caloosahatchee Basin Storage Reservoir in Hendry County.

III. BUDGET HIGHLIGHTS

Information Technology

- Migrate the Land & Vegetation Management Tracking and Reporting application from the legacy technology to a modern, supportable system. This project will improve the work order management process by integrating with planning & scheduling. The new and improved system will enable mobile off-line capabilities for District and Contractual staff.
- Environmental Resource Permits (ERP) will be completely migrated from a 20-year-old legacy technology onto the new business process management platform. This will integrate and streamline the ERP permitting, compliance and enforcement process into a single efficient application.
- The next generation of DBHydro, called “DBHydro Insights” will be launched in 2019. This new application is powered by One Parameter which reduces the complexity of finding and correlating historical time-series data. It will integrate with the District’s multi-media libraries and provide insights into the agency’s hydrological data with single click navigation.
- The SAP platform will be migrated Suite on HANA. This is necessary because the existing platform is at end-of-life. In the process we will eliminate the Oracle database and lower the annual cost of Oracle. The HANA database is a key pre-requisite to SAP’s next generation system.
- Upgrade the data center network to improve data flow between systems, to have the ability to move workloads to the cloud, and to address the bandwidth demands of remote locations. Changing the internet access model to no longer depend on connectivity to the HQ Data Center will free up limited bandwidth to the data center and improve application responsiveness. This new model will also create additional failover options to improve network uptimes and internet resilience since more applications today depend on the internet. The upgrades include a security firewall to provide greater system visibility and protection to the end users.
- Complete the SCADA migration and conduct a thorough security audit of the new Emerson SCADA system. Prioritize the field data stations and perform migration by basin until completed. Identify any deficiencies, prioritize the findings and take action to remediate the issues as determined by the business governance. Roll the project into production and maintenance mode. Conduct a fail-over test for business continuity.

Office of Inspector General

- Completed 4 audit and review projects.
- Commenced 3 audit and review projects.
- Completed quarterly Audit Recommendations Follow-Up Report.
- Coordinated financial statement audit with external accounting firm.
- Submitted Fiscal Year 2018-19 Audit Plan to Audit and Finance Committee for Approval.
- Performed other projects and administrative activities per the annual audit plan.

III. BUDGET HIGHLIGHTS

Efficiencies

The District continues to evaluate programs to increase efficiency and effectiveness and maximize the use of funds spent on protecting and improving the state of Florida's water resources.

1.0 Water Resources Planning and Monitoring

- The Water Quality Bureau (WQB) has continued implementation of a process for providing agency-level review and support on requests for water quality monitoring, laboratory analyses, and other bureau support services leading to more responsive customer service, more comprehensive quality assurance and more complete data management plans. The entire process is under the umbrella for the Bureau's Environmental Monitoring Review Team (EMRT) which has been comprehensively redesigned with multi-disciplinary expertise and professional process coordination to provide effective technical support to District programs and projects.
- The WQB has proposed revisions to the FDEP Protocol and CERP Guidance Memorandum (CGM-42) for monitoring mercury and other toxicants were approved by FDEP and the USACE. Changes include reducing the phases of mercury monitoring, resulting in more consistent year to year monitoring, allowing for ease of budgeting, and reducing the overall monitoring duration for restoration projects from nine years to five years. This aligns the protocol monitoring with the life of the regulatory permits.
- In coordination with the Army Corps of Engineers and District staff in the Water Quality Bureau and Operations, District scientists generated a system of operational triggers for the S-152 structure that will reduce sampling associated with the S-152 operations. Rather than requiring weekly sampling at both the S-151 and S-152, the triggers require only biweekly sampling at the S-152. As part of the high water emergency final order issued by FDEP in June 2018, the stage limit in WCA-3B was raised from 8.5-ft NGVD to 9.0-ft. As a result, S-152 operations were allowed to continue from June to present, without the need to shut down and re-open due to stage constraints.
- The WQB upgraded the LIMS in the District Chemistry laboratory. Moving forward with the LIMS upgrade allows for full adoption of Windows 10 and greater compatibility with District IT standards. Browser technology allows for simpler distribution of computers and user management since users only need access to a supported browser (Internet Explorer or Chrome).

3.0 Operation and Maintenance of Lands and Works

Land Resources - Vegetation Management

- Managed the District's volunteer program which provided 3,570 hours of volunteer time performing functions such as trail and facility maintenance, water-way clean-ups, campground host activities, and providing environmental education programs. This program provided in-kind services valued at \$83,288 at the standard volunteer rate of \$23.33 per hour.

III. BUDGET HIGHLIGHTS

Region 1

- From October through December 2018 the Okeechobee Field Station has dredged 16,200 cubic yards of material from District canals.

Region 2

- Completed required FEMA repairs follow Hurricane Irma at the following District infrastructure in the Big Cypress Basin: Coco-1, Coco-2, Coco-3, Faka-3 and Miller-2.

Region 3

- Utilized internal resources to burn 698 acres of vegetation, chop 330 acres of vegetation and remove 10,000 cubic yards of material from STA 5/6.

General Services

- The Orlando Service Center footprint was reduced to make efficient use of space. A new conference room and some hard-walled offices were built to accommodate the changes.
- A new motor pool parking lot was created to make it easier for staff to access fleet vehicles.
- Renovated and modernized the EOC.
- Replaced B-1 Automatic Transfer Switch.

4.0 Regulation

- Water Use and ERP staff continue to work with applicants in the pre-application and pre-submittal phases of the permitting process in an effort to reduce the number of requests for additional information (RAI) letters and the overall length of time a permit application is in-house prior to final action. This effort has resulted in a reduction in the number of applications in-house.
- ePermitting - Increased electronic submittals from 84 percent to 85 percent of all application submittals. Outreach efforts continued to promote the use of ePermitting. Staff continued to provide training for the regulated community and internal staff to increase skill level and familiarity with ePermitting with increasing use of live training via the web.
- Water Use Bureau staff established a Public Water Supply Task Force where client relationship managers have been assigned to utilities in various geographic areas. These employees are building relationships by working very closely with the utility to get them fully in compliance in a positive and collaborative manner. The level of Public Water Supply utility compliance continues to increase since implementation of this effort.
- Water Use Compliance staff continue to work with permittees to train them (including in field, hands on training) on the use of ePermitting for compliance submittals. The

III. BUDGET HIGHLIGHTS

number of water use compliance submittals submitted through ePermitting continues to increase since implementation of this effort.

5.0 Outreach

- The recently redesigned website was designed with a platform that allows Public Affairs staff to now troubleshoot as well as create and post pages without assistance from IT staff. Overall, this accessibility reduces resource time and effort, increasing efficiency and improving functionality on the external website for quick-turn-around information and timely postings regarding South Florida water resources.

6.0 District Management & Administration

- Accounting staff collaborated with IT in Implementing an automated process of creating storm-related Internal Orders, which are necessary for collecting costs during emergency events. The new process is much more efficient and reduces rework as it uses real-time, accurate data from SAP.
- Provided direct support to Field Operations & Land Management Division to manage SAP Plant Maintenance (PM) master data quality improvement efforts for the District's maintenance of flood control and fleet operations. Efforts focused on conduct of a communication plan between field station planner/schedulers, Plant Maintenance activity type standards and historical analysis/reporting tools development to improve SAP master data quality necessary to make Plant Maintenance even more valuable to District maintenance operations. Developed a process system in the field stations that coordinates: the training of new/promoted personnel into using Plant Maintenance, the creation of data quality reports that show catch errors in the SAP system before they create issues and developed data quality training tools that help fix the errors when they are made by personnel.
- Directed data-mining process across all the District's databases to ensure that the FL-SOLARIS Facility Inventory Tracking System (FITS) Report was updated, QA/QC'd and delivered to State of Florida Department of Management Services (DMS) over thirty days prior to the 30 June deadline. Removed enormous amounts of District FTE effort from the old report development method by working with the GIS Section to create an automation tool that determines tax rates of each facility directly from District GIS databases. Utilized SAP Business Warehouse capabilities to preliminarily pull most of the required data fields from SAP and sent these reports to the Team members to review. These efforts considerably reduced the District FTE time required to develop, update, and review the report this year.
- Developed complex Vendor Performance Evaluation tracking sheet which will enable Contract Specialists and District Project Managers to project and monitor Vendor Performance Evaluations in a more efficient manner.

III. BUDGET HIGHLIGHTS

B. Goals, Objectives and Priorities

Chapter 373, F.S., authorizes the District to direct a wide range of initiatives, programs, and actions. These responsibilities are grouped under four core mission areas by statute: water supply, water quality, flood protection and floodplain management, and natural systems.

The District has developed, and the Governing Board has approved the 2019-2024 Strategic Plan, which is available online at www.sfwmd.gov. The Strategic Plan reflects the District's commitment to meeting the four core mission areas outlined below.

1. Flood Control: Ensuring and Managing Water Flow.
2. Water Supply: Safeguarding and Expanding Water Resources.
3. Natural Systems / Water Quality: Protecting and Restoring Ecosystems.
4. Mission Support: Delivering Efficient and Cost-Effective Services.

Area of Responsibility (AOR)	Strategic Plan Goal	Fiscal Year 2019-20 Preliminary Budget
<p><u>Flood Control</u>: Refurbish, replace, improve and manage the regional water management system by:</p>	<ul style="list-style-type: none"> • Implementing flood control infrastructure refurbishment projects • Incorporating new works into water management system operations • Operating the water management system to meet flood control and water supply needs • Coordinating with the U.S. Army Corps of Engineers on infrastructure inspections and results • Coordinating with state/federal partners and assisting local governments to determine level of flood protection • Optimizing infrastructure maintenance by adhering to, or exceeding, industry standards and best practice 	<p>\$161,577,910</p>

III. BUDGET HIGHLIGHTS

Area of Responsibility (AOR)	Strategic Plan Goal	Fiscal Year 2019-20 Preliminary Budget
<p><u>Water Supply:</u> Meet the current and future demands of water users and the environment by:</p>	<ul style="list-style-type: none"> • Diversifying water supply options and encouraging development of alternative water supply projects • Developing and implementing regional water supply plans in coordination with local governments and the public • Promoting water conservation measures • Utilizing regulatory permitting and compliance authority • Using water reservation and minimum flow & minimum water level authorities to protect water for natural systems 	<p>\$174,913,738</p>
<p><u>Natural Systems / Water Quality:</u> Restore the Northern and Southern Everglades by:</p>	<ul style="list-style-type: none"> • Completing and implementing ongoing and new restoration projects • Maximizing use of available water storage features • Implementing solutions to improve water quality treatment, reduce nutrient loads • Utilizing streamlined regulatory and cooperative programs • Managing invasive exotic and nuisance vegetation on District lands • Increasing access and recreational opportunities on public lands 	<p>\$438,965,921</p>
<p><u>Mission Support:</u> Ensure South Florida taxpayers receive efficient and effective customer service by:</p>	<ul style="list-style-type: none"> • Focusing resources on core functions, minimizing administrative costs and measuring performance • Ensuring accountability, transparency and public involvement in agency decisions • Employing and developing a high-quality, diverse workforce 	<p>\$37,672,218</p>

The District's objective in developing its budget is to maximize the return on taxpayer investment and protect the region's water resources. To that end, the District's available resources in the Fiscal Year 2019-20 Preliminary Budget are allocated to ensure support of key activities within its core mission: flood control, water supply and natural systems / water quality.

III. BUDGET HIGHLIGHTS

C. Budget Summary

1. Overview

The Fiscal Year 2019-20 Preliminary Budget demonstrates the District's commitment to protecting Florida's water and restoring water resources. The District continues to focus on mission critical areas, completing District projects and funding capital investment in the region.

The Fiscal Year 2019-20 Preliminary Budget is \$813,129,787 which is \$767,266 (0.1 percent) lower than the Adopted Fiscal Year 2018-19 Budget of \$813,897,053. The decrease is primarily due to less fund balance included in the budget for projects. The District's largest revenue sources are state sources, ad valorem property taxes, and prior year cash balances.

The Fiscal Year 2019-20 Preliminary Budget includes \$283,285,623 of ad valorem property tax revenue. This estimated ad valorem revenue is based on a conservative taxable value growth in new construction and a moderate impact from the Value Adjustment Board petition hearing decisions. Estimated ad valorem revenues are \$283,285,623 (34.8 percent) of total projected revenue sources, compared to \$277,317,500 (34.1 percent) of the Fiscal Year 2018-19 Adopted Budget.

Total anticipated state sources in the Fiscal Year 2019-20 Preliminary Budget are \$335,167,099 (41.2 percent) and the total estimated federal sources are \$11,056,853 (1.4 percent). In the Fiscal Year 2018-19 Adopted Budget, the total state sources are \$337,113,253 (41.4 percent) and the federal sources are \$9,622,745 (1.2 percent).

The revenue sources that make up the remaining portion of the Fiscal Year 2019-20 Preliminary Budget are agricultural privilege taxes, permit fees, reserves, and other sources which represent 22.6 percent of the total budget down from 23.3 percent of the Fiscal Year 2018-19 Adopted Budget for the same revenue sources due to the lower allocated reserves.

In accordance with section 373.535, F.S., the District is submitting this Fiscal Year 2019-20 Preliminary Budget for legislative review on January 15, 2019. The table on the following page provides a summary of the source and use of funds, fund balance, and workforce and includes a comparison of the Fiscal Year 2018-19 Adopted Budget to the Fiscal Year 2019-20 Preliminary Budget.

III. BUDGET HIGHLIGHTS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SOURCE AND USE OF FUNDS, RESERVES AND WORKFORCE
 Fiscal Years 2018-19 and 2019-20
 PRELIMINARY BUDGET - Fiscal Year 2019-20

	Fiscal Year 2018-19 (Adopted)	New Issues (Increases)	Reductions	Fiscal Year 2019-20 (Preliminary Budget)
SOURCE OF FUNDS				
Estimated Beginning Reserves @ 9/30/2018	\$ 349,955,469	\$ -	\$ (62,136,919)	\$ 287,818,550
District Revenues	338,950,614	8,245,428	-	347,196,042
Debt	-	-	-	-
Local Revenues	379,200	150,000	-	529,200
State Revenues	337,113,253	-	(1,946,154)	335,167,099
Federal Revenues	9,622,745	1,434,108	-	11,056,853
Unearned / Unavailable Revenue @ 9/30/2018	-	-	-	-
SOURCE OF FUND TOTAL	\$ 1,036,021,281	\$ 9,829,536	\$ (64,083,073)	\$ 981,767,744
USE OF FUNDS				
Salaries and Benefits	\$ 147,298,781	\$ 312,083	\$ (312,083)	\$ 147,298,781
Other Personal Services	275,775	-	-	275,775
Contracted Services	95,017,207	6,188,625	(60,865,618)	40,340,214
Operating Expenses	125,550,114	16,166,710	(3,990,498)	137,726,326
Operating Capital Outlay	27,095,718	14,212,046	(13,857,718)	27,450,046
Fixed Capital Outlay	318,682,004	231,993,175	(188,937,267)	361,737,912
Interagency Expenditures (Cooperative Funding)	8,328,492	374,697	(2,029,920)	6,673,269
Debt	30,393,625	610,001	(631,499)	30,372,127
Reserves - Emergency Response	61,255,337	-	-	61,255,337
USE OF FUNDS TOTAL	\$ 813,897,053	\$ 269,857,337	\$ (270,624,603)	\$ 813,129,787
Unearned / Unavailable Revenue @ 9/30/2018 (Estimated)				
	\$ -	-	\$ -	\$ -
	-	-	-	-
	-	-	-	-
	-	-	-	-
TOTAL UNEARNED REVENUE	\$ -	\$ -	\$ -	\$ -
RESERVES (ESTIMATED @ 9/30/2018)				
Nonspendable	\$ 20,036,544	\$ -	\$ -	\$ 20,036,544
Restricted	228,689,617	-	(98,693,153)	129,996,464
Committed	18,604,949	-	-	18,604,949
Assigned	20,487,440	-	(20,487,440)	-
Unassigned	-	-	-	-
TOTAL RESERVES	\$ 287,818,550	\$ -	\$ (119,180,593)	\$ 168,637,957
WORKFORCE				
Authorized Position (Full-Time Equivalents/FTE)	1,475	-	-	1,475
Contingent Worker (Independent Contractors)	-	-	-	-
Other Personal Services (OPS)	4	-	-	4
Intern	-	-	-	-
Volunteer	-	-	-	-
TOTAL WORKFORCE	1,479	-	-	1,479

III. BUDGET HIGHLIGHTS

Reserves:

- Nonspendable - amounts required to be maintained intact as principal or an endowment
- Restricted - amounts that can be spent only for specific purposes like grants or through enabling legislation
- Committed - amounts that can be used only for specific purposes determined and set by the District Governing Board
- Assigned - amounts intended to be used for specific contracts or purchase orders
- Unassigned - available balances that may be used for a yet to be determined purpose in the general fund only

Notes:

1) Beginning fund balance is derived from prior year ending fund balances in preparation of the next reporting cycle.

Estimated Reserves Fiscal Year 2017-18 - Total Governmental Funds (Estimated)	\$ 488,303,414
Plus Total Net Position Fiscal Year 2017-18 - Internal Service Funds	13,684,359
Subtotal Total Beginning Reserves/Net Assets Fiscal Year 2017-18	501,987,773
Less Carryforward Encumbrances from Non-Reimbursement Funds	(152,032,304)
Beginning Estimated Reserves Available for Allocation Fiscal Year 2018-19	\$ 349,955,469

Notes:

2) Uses of Funds (New Issues - Increases) include \$82,532,274 in funds that will be rebudgeted in Fiscal Year 2019-20 (see below).

Rebudget Items	Amount
Hurricane / Emergency Reserve	\$61,255,337
2017 SB10 EAA Reservoir	\$9,206,495
C-139 Annex Restoration	\$4,000,000
S-332 B/C Deisgn	\$3,482,334
Tax Collector & Property Appraiser Fees	\$2,716,308
Restoration Strategies - Science Plan	\$1,037,171
Central Florida Water Initiative (CFWI)	\$420,169
BOMA Cost to Cure (State Road 80 Widening)	\$261,940
Florida Bay and Coastal Wetlands Project	\$112,520
BOMA Mesocosms	\$40,000
Grand Total	\$82,532,274

III. BUDGET HIGHLIGHTS

C. Budget Summary

2. Adequacy of Fiscal Resources

Evaluation of Fiscal Resources Over a Five-Year Horizon:

The evaluation of fiscal resources over a five-year span is required to ensure sustainable funding for all projects and plans set forth by the District. This evaluation includes the District's long-term funding plan, demonstrating the District's ability to adequately address the core mission AORs.

The District's Fiscal Year 2019-20 Preliminary Budget of \$813,129,787 and future years horizon is focused on ongoing progress in environmental restoration and water resource projects throughout South Florida while ensuring the District continues to deliver on its mission-critical responsibilities, strategic priorities of flood control, water supply, water quality and natural systems.

This Fiscal Year 2019-20 Preliminary Budget was presented and discussed at the at the December and January Governing Board's meetings. There are several revenue and resource uncertainties such as growing health insurance costs, assurance of federal revenues from the USACE to cover the OMR&R cost share, Impact of Value Adjustment Board (VAB) and New Construction growth to Ad Valorem and the 2019 Legislative session state revenues. District staff will continue to work with the Governing Board, FDEP and USACE on these uncertainties prior the adoption of the Fiscal Year 2019-20 budget. Additional direction on usages of reserve balances and any recurring revenues to implement the District's mission-critical responsibilities may be discussed prior to the Fiscal Year 2019-20 tentative and final budget adoption in September. For the current Fiscal Year 2019-20 development and future budgets, the District will continue to align available revenues to focus on projects that will aid in addressing harmful algae blooms and maximize nutrient reductions.

As illustrated in the long-term funding plan graph presented later in this section, over the next five-years, the District's reserve balances have been dedicated to multi-year projects/efforts necessary to improve the quantity, quality, timing and distribution of water in the Northern and Southern Everglades and implementation of improvements to support the operation and maintenance of the water management system. The District's projected recurring revenues are projected to be equivalent to its operating expenses.

District Revenue Sources:

Ad Valorem Tax Revenue

The District continues the commitment to deliver on our core mission functions while maximizing the efficient use of South Florida tax payer investments. Fiscal Year 2019-20 Preliminary Budget estimates \$283,285,623 which is \$5,968,123 more than the Fiscal Year 2018-19 Adopted revenue of \$277,317,500. The estimated increase of \$5,968,123 includes conservative new construction growth estimates, moderate impacts from Value Adjustment Board petition hearing impacts, and an adjustment to the discount rate from the statutory minimum required 95% to 96% based on collection trends. As part of the anticipated recurring revenue sources, the following five-year expenditure and revenue financial forecast table includes revenue growth estimates based on the Office of Economic and

III. BUDGET HIGHLIGHTS

Demographic Research (EDR) estimates. The growth in ad valorem revenue is used to fund Operations and Maintenance of new facilities projected to come on line and refurbishment projects in support of the Operations and Maintenance capital program of the water management system.

The District's work is achieved through ad valorem revenues and continued support from the Florida Legislature through state appropriations. The District also relies on federal and local funding sources, reserve balances, fees, investment earnings and agricultural privilege taxes to deliver the current level of service to our customers.

State Revenue Sources

The District's 2019-20 Preliminary Budget contains \$335,167,099 in state revenue sources: \$49,197,278 from prior year state appropriations, \$6,993,608 from Florida Fish and Wildlife Conservation Commission, \$200,000 Everglades License Tag, \$50,000 from FDACS for prescribed burns and \$278,726,213 proposed new state revenues to be evaluated during the upcoming 2019 Legislative Session. The proposed Legislative funding includes the continuation of land management, the Restoration Strategies Plan for addressing Everglades water quality, Comprehensive Everglades Restoration Plan (CERP) projects such as the Everglades Agricultural Area Storage Reservoir, C-43 West Basin Storage Reservoir, planning of future CERP projects, and for Northern Everglades & Estuaries Protection Program projects such as Dispersed Water Management and the Lakeside Ranch Stormwater Treatment Area.

Future state revenue source requests are consistent to support multi-year restoration projects such as Restoration Strategies, CERP in accordance with the integrated delivery schedule, dispersed water management recurring operational requirements and Northern Everglades. Some of the state sources are classified as recurring over this five-year horizon in accordance with prior year appropriations language, such as \$32 million for Restoration Strategies and \$64 million for Everglades Agricultural Area storage reservoir project.

Future state sources for non-project related expenses such as land acquisition trust fund for land management and dispersed water management operations and Florida Fish and Wildlife Conservation Commission revenues for exotic and aquatic plant control are classified as recurring state sources to cover recurring expenses.

The District works cooperatively with FDEP prior to the Legislative Session to provide the upcoming multi-year project needs through a legislative budget request as well as with Florida Fish and Wildlife to identify upcoming exotic and aquatic plant control work plan tasks. The District's funding requests to the Florida Legislature support continued commitment to Everglades Restoration for Restoration Strategies, CERP, NEEPP and land management.

Other Revenue Sources

Other sources include environmental resource, water use, compliance and right-of-way permit fees, lease revenue, investment earnings, local and federal sources, surplus sale of District property. Fiscal Year 2019-20 projected forecasts include increases in investment earnings of \$1,760,000 based on the latest five-year collection trend and lease revenue of \$517,305 based on lease agreements. Federal revenues from USACE are forecasted to increase in Fiscal Year 2019-20 by \$2,521,303 and continue to increase over the five-year

III. BUDGET HIGHLIGHTS

horizon for the OMRR&R cost share, mostly for CERP new works planned to come on line over the next five years. The receipt of federal revenues from USACE continue to have uncertainties.

Accumulated Reserves

The District categorizes Reserves into two groups to aid with Governing Board discussions - **with** restrictions and **without** restrictions.

- With Restrictions – fund balances that Governing Board has limited allocation authority due to pre-defined restrictions.
- Without Restrictions – fund balances that Governing Board has discretionary allocation authority.

The District’s total unaudited prior year accumulated Reserves at this time is \$287.8 million. The \$287.8 million is comprised of \$20 million of non-spendable Reserves, \$166.7 million of Reserves with restrictions and \$101.1 million of Reserves without restrictions. The \$20 million of non-spendable funds represents the value of inventory on hand such as fuel and chemicals, and wetlands mitigation permanent fund for long term land management on specific wetland mitigation projects and bank. The non-spendable funds are not available to be used on projects and have not been included in the Long-Term Funding Graph nor the District’s 5-Year Reserve Allocation.

The remaining reserve balance amount of \$267.8 million is available for usage towards funding the Districts future budgets, but some of the funds have restrictions on their usages. \$166.7 million of the available Reserves with restrictions may only be used on expenses as defined by the source. Balances are listed below and are included in the Projected Utilization of Reserves Table:

Core Mission	Description	Total Projected Designated Amounts at September 30, 2018
Restricted		
WS WQ NS	Future Land Acquisition (Surplus Land Sales Revenues)	8,583,038
WS WQ FP NS	Indian River Lagoon Estuarine Projects (IRL Tag)	93,476
WS WQ NS	L-31 East Flow Way	1
WS WQ FP NS	Land Management (Lease Revenue)	11,993,928
WS WQ FP NS	Mitigation - Lakebelt/Wetland	56,876,244
WS WQ NS	Alligator Alley Tolls, Everglades License Tag Balances	3,698,622
WS WQ FP NS	Hurricane/Emergency Reserves	45,512,602
WS WQ NS	BOMA Improvements - FDOT SR80 Widening	261,940
WS WQ FP NS	Big Cypress Basin	2,575,169
WS WQ FP NS	Self-Insurance Programs	8,533,737
WS WQ FP NS	S-332 B,C,D Replacement Payment from USACE	3,482,334
WS WQ NS	2017 Session SB10 Cash Balance- EAA Reservoir	9,206,495
Restricted Subtotal		150,817,586
Committed		
WS WQ NS	L-31 East Flow Way	100,000
Committed Subtotal		100,000
Assigned		
WS WQ NS	Future Land Acquisition (Surplus Land Sales Revenues)	5,196
WS WQ NS	L-31 East Flow Way	50,000
WS WQ FP NS	Hurricane/Emergency Reserves	15,742,735
Assigned Subtotal		15,797,931
Total		166,715,517

III. BUDGET HIGHLIGHTS

\$101.1 million of the available reserves are without restrictions. There is \$22.9 million retained. The usage of the reserves without restrictions are still under review and to be further discussed prior to July. Balances are listed below and are included in the Projected Utilization of Reserves Table:

Core Mission	Description	Total Projected Designated Amounts at September 30, 2018
Restricted		
WS WQ NS	Kissimmee & Hillsboro ASR	80,000
WQ FP	O&M Vertical Datum Upgrade	600,000
WS WQ NS	Dissolved Oxygen Enhance/Expansion	57,387
WS WQ FP NS	NEEPP & EFA Source Controls	40,000
WS WQ NS	Restoration Strategies	43,418,827
WS WQ FP NS	Budget Stabilization & Future Expenditures to be Determined by the Board	15,381,122
WS WQ NS	Tax Collector & Property Appraiser Fees	1,472,728
WS WQ FP NS	O&M New Works	3,534,052
WS WQ NS	Decomp Physical Model	415,000
WS FP	O&M Canal Conveyance Program	300,000
WS WQ NS	KRREP Fish Telemetry Study	69,000
WS FP	O&M Okeechobee Field Station	11,426,415
WS WQ FP NS	O&M Operations Decision Support System	985,000
WS WQ NS	Kissimmee River Restoration Evaluation Lower Basin, Gardner Cobb & Lake Okeechobee Aerial Imagery	92,500
Restricted Subtotal		77,872,031
Committed		
WS WQ FP NS	NEEPP & EFA Source Controls	50,000
WS WQ FP NS	Budget Stabilization & Future Expenditures to be Determined by the Board	7,609,766
WS WQ FP NS	O&M New Works	7,023,683
WS WQ NS	Decomp Physical Model	415,000
WS FP	O&M Canal Conveyance Program	1,100,000
WS WQ NS	KRREP Fish Telemetry Study	69,000
WS FP	O&M Flood Protection Level of Service	1,800,000
WS WQ FP NS	O&M Operations Decision Support System	400,000
WS WQ NS	Kissimmee River Restoration Evaluation Lower Basin, Gardner Cobb & Lake Okeechobee Aerial Imagery	37,500
Committed Subtotal		18,504,949
Assigned		
WS WQ FP NS	IT Regulation Software Roadmap	272,200
WS WQ FP NS	Operations Emergency Model Forecast Tool	150,000
WS WQ FP NS	IT SAP Suite on HANA Implementation	611,520
WS WQ FP NS	IRL National Estuary Program Projects	500,000
WS WQ FP NS	NEEPP & EFA Source Controls	10,000
WS WQ NS	Tax Collector & Property Appraiser Fees	1,243,580
WS NS	Central Florida Watershed Initiative (CFWI)	1,170,169
WS WQ FP NS	O&M New Works	92,040
WS FP	O&M Flood Protection Level of Service	600,000
WS WQ NS	C-43 Water Water Quality Testing Facility (BOMA)	40,000
Assigned Subtotal		4,689,509
Total		101,066,489

The Fiscal Year 2019-20 Preliminary Budget includes \$119.2 million from accumulated Reserves; \$11.6 million are Reserves without restrictions and \$107.6 million are Reserves with restrictions. At the Governing Board's direction, \$61.3 million of restricted Reserves are maintained annually to address hurricane/tropical weather impacts or emergencies.

It is assumed at the end of the five-year plan, the Hurricane/Emergency Reserves of \$61.3 million will be re-appropriated within each fiscal year and remain available in addition to the \$51.5 million retained (excludes the \$20 million non-spendable), unless needed or appropriated by the Governing Board prior to the Adopted Budget. More detail on the retained balances follow.

III. BUDGET HIGHLIGHTS

Long-term Funding Plan

The District continues to look for efficiencies and cost saving measures. The District has also taken measures, as indicated in the 5-Year Reserve Allocation, to set aside sufficient reserve balances. To stay abreast of future increases, the District has developed a financial forecast to project estimated long-term revenue and expenditures for the operations and maintenance and monitoring of newly completed restoration projects, Everglades Restoration, flood control system capital refurbishment, Big Cypress Basin operations, and Restoration Strategies. At the time of the Fiscal Year 2019-20 Preliminary Budget development, the District's recurring revenues are projected to be equivalent to its operating expenses. The District's reserve balances have been dedicated to multi-year projects/efforts necessary to improve the quantity, quality, timing and distribution of water in the Northern and Southern Everglades and implementation of improvements to support the operation and maintenance of the water management system.

As indicated in the projected utilization of reserves chart and Long-term funding plan graph, \$22.9 million is retained for future allocations. The usage of the reserves without restrictions are still under review and final decisions of the Governing Board. The District Governing Board has also established a Hurricane/Emergency Reserves of \$61.3 million to be re-appropriated within each fiscal year. Additionally, at any time and in accordance with Chapter 373, F.S., the District Governing Board may also change the priorities and usages of the remaining cash balances as the 5-Year reserves allocations are planned usages.

III. BUDGET HIGHLIGHTS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT PROJECTED UTILIZATION OF RESERVES PRELIMINARY BUDGET - Fiscal Year 2019-20								
Core Mission	Designations (Description of Restrictions)	Total Projected Designated Amounts at September 30, 2019	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Remaining Balance
NONSPENDABLE								
n/a	Inventory Reserve - General Fund	0	0	0	0	0	0	0
n/a	Inventory Reserve - Okeechobee Basin	4,672,632	0	0	0	0	0	4,672,632
n/a	Inventory Reserve - Big Cypress Basin	233,475	0	0	0	0	0	233,475
n/a	Wetlands Mitigation Permanent Fund (principal portion)	15,130,437	0	0	0	0	0	15,130,437
NONSPENDABLE SUBTOTAL		20,036,544	0	0	0	0	0	20,036,544
RESTRICTED								
WS WQ NS	Future Land Acquisition (Surplus Land Sales Revenues)	8,583,038	8,583,038	-	-	-	-	-
WS WQ FP NS	Indian River Lagoon Estuarine Projects (IRL Tag)	93,476	93,476	-	-	-	-	-
WS WQ NS	L-31 East Flow Way	1	1	-	-	-	-	-
WS WQ FP NS	Land Management (Lease Revenue)	11,993,928	816,312	698,312	698,312	698,312	698,312	8,384,368
WS WQ FP NS	Mitigation - Lakebelt/Wetland	56,876,244	20,833,959	10,764,546	6,764,546	4,764,546	4,764,546	8,984,101
WS WQ FP NS	NEEPP & EFA Source Controls	40,000	34,400	5,600	-	-	-	-
WS WQ NS	Restoration Strategies	43,418,827	1,037,171	17,569,907	24,811,749	-	-	-
WS WQ NS	Alligator Alley Tolls, Everglades License Tag Balances	3,698,622	2,363,216	758,665	-	-	-	576,741
WS WQ FP NS	Budget Stabilization & Future Expenditures to be Determined by the Board	15,381,122	-	-	-	-	-	15,381,122
WS WQ NS	Tax Collector & Property Appraiser Fees	1,472,728	1,472,728	-	-	-	-	-
WS WQ FP NS	Hurricane/Emergency Reserves*	45,512,602	45,512,602	-	-	-	-	-
WS WQ NS	BOMA Improvements - FDOT SR80 Widening	261,940	261,940	-	-	-	-	-
WS WQ FP NS	Big Cypress Basin	2,575,169	-	-	-	-	-	2,575,169
WS WQ FP NS	Self-Insurance Programs**	8,533,737	569,795	-	-	-	-	7,963,942
WS WQ FP NS	S-332 B,C,D Replacement Payment from USACE	3,482,334	3,482,334	-	-	-	-	-
WS WQ FP NS	O&M New Works	3,534,052	426,800	-	-	-	3,107,252	-
WS WQ NS	Decomp Physical Model	415,000	415,000	-	-	-	-	-
WS FP	O&M Canal Conveyance Program	300,000	300,000	-	-	-	-	-
WS WQ NS	Dissolved Oxygen Enhance/Expansion	57,387	57,387	-	-	-	-	-
WS WQ NS	KRREP Fish Telemetry Study	69,000	69,000	-	-	-	-	-
WS FP	O&M Okeechobee Field Station	11,426,415	1,400,000	4,963,207	4,563,208	500,000	-	-
WQ FP	O&M Vertical Datum Upgrade	600,000	600,000	-	-	-	-	-
WS WQ FP NS	O&M Operations Decision Support System	985,000	985,000	-	-	-	-	-
WS WQ NS	2017 Session SB10 Cash Balance- EAA Reservoir	9,206,495	9,206,495	-	-	-	-	-
WS WQ NS	Kissimmee River Restoration Evaluation Lower Basin, Gardner Cobb & Lake	92,500	92,500	-	-	-	-	-
WS WQ NS	Okeechobee Aerial Imagery	80,000	80,000	-	-	-	-	-
WS WQ NS	Kissimmee & Hillsboro ASR	80,000	80,000	-	-	-	-	-
RESTRICTED SUBTOTAL		228,689,617	98,693,153	34,760,238	36,837,815	5,962,858	8,570,110	43,865,443
COMMITTED								
WS WQ NS	L-31 East Flow Way	100,000	-	50,000	50,000	-	-	-
WS WQ FP NS	NEEPP & EFA Source Controls	50,000	-	50,000	-	-	-	-
WS WQ FP NS	Budget Stabilization & Future Expenditures to be Determined by the Board	7,609,766	-	-	-	-	-	7,609,766
WS WQ FP NS	O&M New Works	7,023,683	-	1,175,706	2,165,946	1,738,171	1,943,860	-
WS WQ NS	Decomp Physical Model	415,000	-	415,000	-	-	-	-
WS FP	O&M Canal Conveyance Program	1,100,000	-	300,000	400,000	400,000	-	-
WS WQ NS	KRREP Fish Telemetry Study	69,000	-	69,000	-	-	-	-
WS FP	O&M Flood Protection Level of Service	1,800,000	-	800,000	500,000	500,000	-	-
WS WQ FP NS	O&M Operations Decision Support System	400,000	-	200,000	200,000	-	-	-
WS WQ NS	Kissimmee River Restoration Evaluation Lower Basin, Gardner Cobb & Lake	37,500	-	37,500	-	-	-	-
WS WQ NS	Okeechobee Aerial Imagery	37,500	-	37,500	-	-	-	-
COMMITTED SUBTOTAL		18,604,949	0	3,097,206	3,315,946	2,638,171	1,943,860	7,609,766
ASSIGNED								
WS WQ FP NS	IT Regulation Software Roadmap	272,200	272,200	-	-	-	-	0
WS WQ FP NS	Operations Emergency Model Forecast Tool	150,000	150,000	-	-	-	-	0
WS WQ FP NS	IT SAP Suite on HANA Implementation	611,520	611,520	-	-	-	-	0
WS WQ NS	Future Land Acquisition (Surplus Land Sales Revenues)	5,196	5,196	-	-	-	-	0
WS WQ FP NS	IRL National Estuary Program Projects	500,000	500,000	-	-	-	-	0
WS WQ NS	L-31 East Flow Way	50,000	50,000	-	-	-	-	0
WS WQ FP NS	NEEPP & EFA Source Controls	10,000	10,000	-	-	-	-	0
WS WQ NS	Tax Collector & Property Appraiser Fees	1,243,580	1,243,580	-	-	-	-	0
WS WQ FP NS	Hurricane/Emergency Reserves*	15,742,735	15,742,735	-	-	-	-	0
WS NS	Central Florida Watershed Initiative (CFWI)	1,170,169	1,170,169	-	-	-	-	0
WS WQ FP NS	O&M New Works	92,040	92,040	-	-	-	-	0
WS FP	O&M Flood Protection Level of Service	600,000	600,000	-	-	-	-	0
WS WQ NS	C-43 Water Quality Testing Facility (BOMA)	40,000	40,000	-	-	-	-	0
ASSIGNED SUBTOTAL		20,487,440	20,487,440	0	0	0	0	0
UNASSIGNED								
		0	0	0	0	0	0	0
UNASSIGNED SUBTOTAL		0	0	0	0	0	0	0
TOTAL		287,818,550	119,180,593	37,857,444	40,153,761	8,601,029	10,513,970	71,511,753
Remaining Fund Balance at Fiscal Year End			168,637,957	130,780,513	90,626,752	82,025,723	71,511,753	0
Assumes Hurricane/Emergency Reserves are re-appropriated each fiscal year unless needed.								
WS = Water Supply; WQ = Water Quality; FP = Flood Protection; NS = Natural Systems								

III. BUDGET HIGHLIGHTS

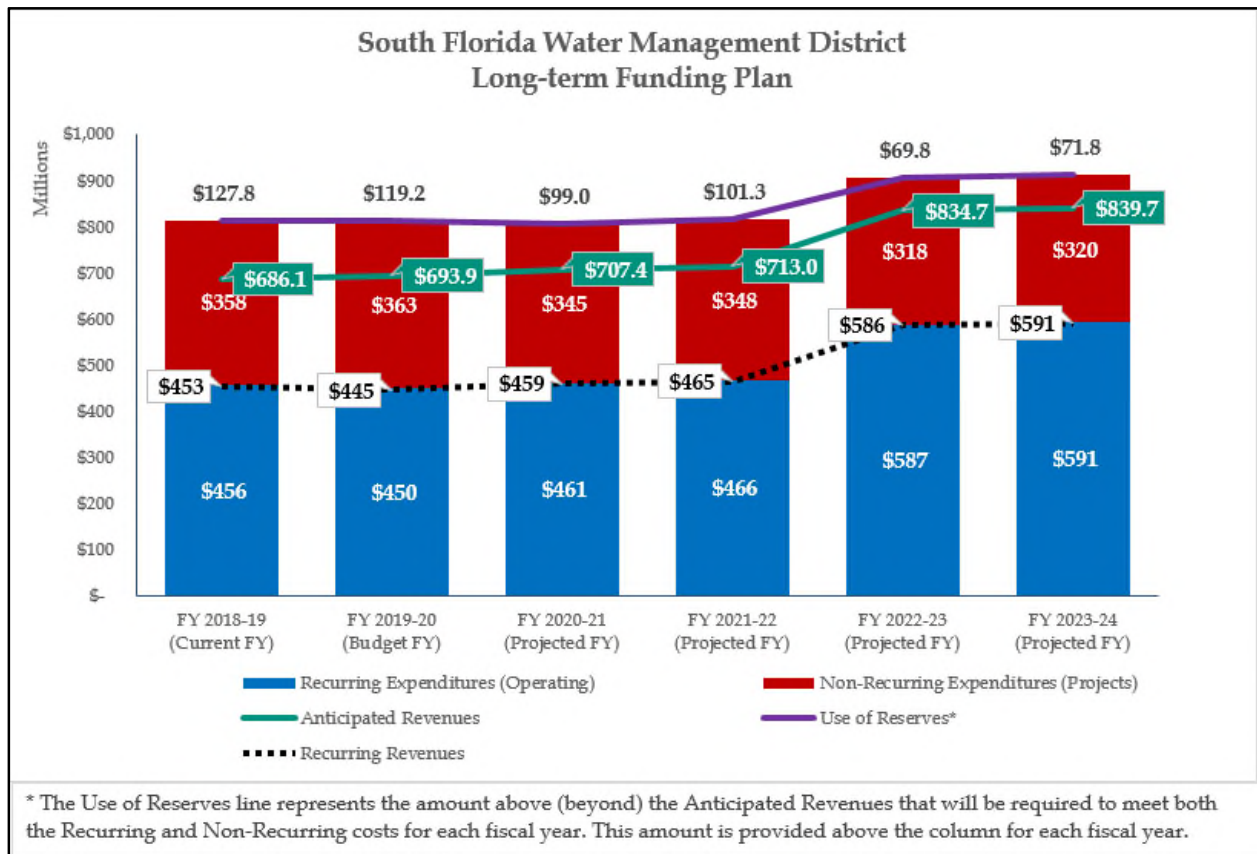
**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
USE OF RESERVES
Fiscal Year 2019-20
PRELIMINARY BUDGET - Fiscal Year 2019-20**

	PRELIMINARY BUDGET - Fiscal Year 2019-20	SOURCES OF FUNDS							TOTAL
		District Revenues	Reserves	Debt	Local	State	Federal		
1.0 Water Resources Planning and Monitoring	50,604,009	2,945,627	-	-	-	742,655	-	3,688,282	
2.0 Land Acquisition, Restoration and Public Works	396,937,173	10,459,942	-	-	-	9,920,532	-	20,380,474	
3.0 Operation and Maintenance of Lands and Works	304,867,134	86,932,408	-	-	-	1,000,000	3,482,334	91,414,742	
4.0 Regulation	21,917,587	272,200	-	-	-	-	-	272,200	
5.0 Outreach	1,131,666	-	-	-	-	-	-	-	
6.0 District Management and Administration	37,672,218	1,181,315	-	-	-	-	-	3,424,895	
TOTAL	813,129,787	104,035,072	-	-	-	11,663,187	3,482,334	119,180,593	

	USES OF FUNDS									TOTAL
	Salaries and Benefits	Other Personal Services	Contracted Services	Operating Expenses	Operating Capital Outlay	Fixed Capital Outlay	Interagency Expenditures (Cooperative Funding)	Debt	Reserves	
1.0 Water Resources Planning and Monitoring	279,854	-	742,806	855,493	74,000	829,113	907,016	-	-	3,688,282
2.0 Land Acquisition, Restoration and Public Works	396,220	-	1,836,161	43,500	72,387	17,794,729	237,477	-	-	20,380,474
3.0 Operation and Maintenance of Lands and Works	558,598	-	3,323,000	4,051,583	20,490,334	1,735,890	-	-	61,255,337	91,414,742
4.0 Regulation	-	-	272,200	-	-	-	-	-	-	272,200
5.0 Outreach	-	-	-	-	-	-	-	-	-	-
6.0 District Management and Administration	-	-	611,520	2,813,375	-	-	-	-	-	3,424,895
TOTAL	1,234,672	-	6,785,687	7,763,951	20,636,721	20,359,732	1,144,493	-	61,255,337	119,180,593

III. BUDGET HIGHLIGHTS

Below is a graph that displays the Fiscal Year 2019-20 Preliminary Budget and proposed expense and revenue growth through Fiscal Year 2023-24. The bars represent expenses and the lines represent the projected revenues with the use of Reserves filling in for the revenue gap. The information in the graph below shows the rates at which Reserves (not including Nonspendable) are projected to being spent down, with an assumption of \$112.7 million fund balance retained due to restricted, committed, or assigned uses after Fiscal Year 2023-24. The \$112.7 million includes \$61.3 million for Emergency Reserves; \$.6 million for Everglades License Tag for conservation and protection of the Everglades; \$9 million in lake belt mitigation funds to cover lake belt committee priorities, C-139 restoration project and land management as well as wetlands mitigation funds to cover future land management on wetlands projects and banks; \$8.4 million from lease revenues including leases on lands purchased with federal funds; \$2.6 million of Big Cypress Basin funds for the Basin Board to allocate for priorities; \$7.9 million to cover actuarially determined Self-Insurance Liabilities and Office of Insurance Regulation Health Insurance Claims requirements; \$5 million for budget stabilization, to cover unanticipated revenue shortages or costs, and \$17.9 million for future allocation by the District Governing Board for priorities. The \$61.3 million hurricane/emergency reserve is shown re-budgeted every year in anticipation of not having to utilize the authority.

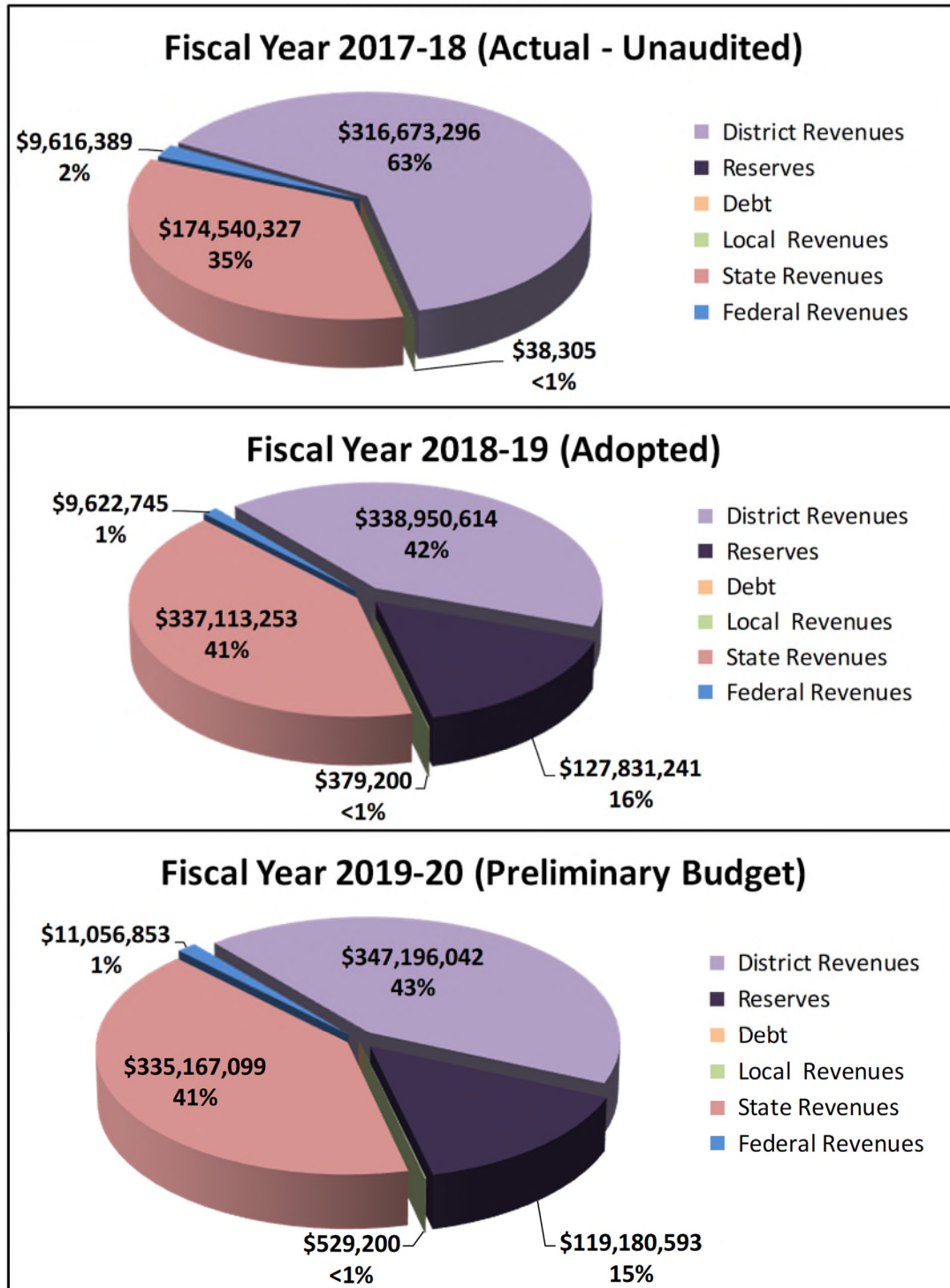


III. BUDGET HIGHLIGHTS

C. Budget Summary

3. Source of Funds Three-Year Comparison

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
 PRELIMINARY BUDGET - Fiscal Year 2019-20
 REVENUES BY SOURCE



III. BUDGET HIGHLIGHTS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT SOURCE OF FUNDS COMPARISON FOR THREE FISCAL YEARS

Fiscal Years 2017-18 (Actual - Unaudited) 2018-19 (Adopted) 2019-20 (Preliminary)

PRELIMINARY BUDGET - Fiscal Year 2019-20

SOURCE OF FUNDS	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
District Revenues	316,673,296	338,950,614	347,196,042	8,245,428	2%
Reserves	-	127,831,241	119,180,593	(8,650,648)	-7%
Debt - Certificate of Participation (COPS)	-	-	-	-	
Local Revenues	38,305	379,200	529,200	150,000	40%
State General Revenues	2,192,414	3,701,131	2,000,000	(1,701,131)	-46%
Land Acquisition Trust Fund	109,397,960	279,535,372	325,923,491	46,388,119	17%
FDEP/EPC Gardinier Trust Fund	-	-	-	-	
P2000 Revenue	-	-	-	-	
FDOT/Mitigation	-	-	-	-	
Water Management Lands Trust Fund	-	-	-	-	
Water Quality Assurance (SWIM) Trust Fund	-	-	-	-	
Florida Forever	-	2,670,328	-	(2,670,328)	-100%
Save Our Everglades Trust Fund	53,723,487	42,500,000	-	(42,500,000)	-100%
Alligator Alley Tolls	5,236,436	1,228,245	-	(1,228,245)	-100%
Other State Revenue	3,990,030	7,478,177	7,243,608	(234,569)	-3%
Federal Revenues	9,616,389	9,547,745	10,981,853	1,434,108	15%
Federal through State (FDEP)	-	75,000	75,000	-	0%
SOURCE OF FUND TOTAL	500,868,317	813,897,053	813,129,787	(767,266)	0%

District Revenues include

Ad Valorem	277,200,791	277,317,500	283,285,623
Ag Privilege Tax	11,071,651	11,045,990	11,045,990
Permit & License Fees	12,905,481	3,520,700	3,520,700
Miscellaneous Revenues	15,495,373	47,066,424	49,343,729

REVENUES BY SOURCE	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
District Revenues	\$316,673,296	\$338,950,614	\$347,196,042	8,245,428	2%
Reserves	\$0	\$127,831,241	\$119,180,593	(8,650,648)	-7%
Debt	\$0	\$0	\$0	-	
Local Revenues	\$38,305	\$379,200	\$529,200	150,000	40%
State Revenues	\$174,540,327	\$337,113,253	\$335,167,099	(1,946,154)	-1%
Federal Revenues	\$9,616,389	\$9,622,745	\$11,056,853	1,434,108	15%
TOTAL	\$500,868,317	\$813,897,053	\$813,129,787	(767,266)	0%

III. BUDGET HIGHLIGHTS

C. Budget Summary

4. Major Source of Funds Variances

This narrative describes major revenue variances between the Adopted Budget for Fiscal Year 2018-19 and the Preliminary Budget for Fiscal Year 2019-20 by revenue source.

District Revenues

- Estimated ad valorem revenues in the Preliminary Budget increased by \$6 million (2.2 percent) over the current fiscal year. Adjustments to prior year values decreased \$1.9 million and new construction is projected to be \$5 million.
- Agricultural privilege tax in the Fiscal Year 2019-20 Preliminary Budget is the same amount as the Adopted Budget.
- The permit, license and fees category contain right of way, water use permit and environmental resource permit fees. The budget for permit fees is the same as the current budget and does not include any Lake Belt revenue. Lake Belt mitigation funds are budgeted for activities based on the actions of the Lake Belt Mitigation Committee and the District administers the Lake Belt Mitigation Trust Fund pursuant to section 373.41495, F.S.
- Miscellaneous revenues reflect an estimated \$49.3 million in Fiscal Year 2019-20 which is \$2.2 million higher than the Adopted Budget due to increases in Investment Earnings of \$1.7 million and Lease Revenue of \$517,305. The components of the estimated \$49.3 million include \$34.5 million for the District's Health/Self Insurance contribution, \$7.8 million for Investment Earnings, \$6.3 million for Leases, \$250,000 for Sale of District Property, and \$400,000 of miscellaneous sources.

Reserves

- The appropriated reserves included in the Fiscal Year 2019-20 Preliminary Budget decreased \$8.7 million (6.8 percent) from the amount used in Fiscal Year 2018-19 Adopted Budget based on updated project needs and timelines for Restoration Strategies, Everglades Restoration, and Central Florida Water Initiative.

Debt

- The Fiscal Year 2019-20 Preliminary Budget includes no new debt.

Local Revenues

- At this time, funds expected from cooperative agreements with local agencies increased by \$150,000 for work to be done on the Model Archive project in conjunction with the other Water Management Districts and the State next year.

III. BUDGET HIGHLIGHTS

State Revenues

- General revenues of \$2 million in the Preliminary Budget decreased by \$1.7 million over the
- Adopted Budget. This decrease is due to the 2018 Legislative Session Specific Appropriation 1582 for NEEPP which is not in the Fiscal Year 2019-20 budget. The \$2 million is the remaining amount from the 2017 Legislative Session Specific Appropriation 1606A for Biscayne Bay Coastal Wetlands (\$1.5 million) and \$0.5 million for Corbett Levee from the 2016 Legislative Session Specific Appropriation 1600A.
- Land Acquisition Trust Fund amount of \$325.9 million is \$46.4 million (16.6 percent) higher than the Adopted Budget. Included in this amount is \$146.5 million for CERP, \$32 million recurring funds for Restoration Strategies, \$64 million for the EAA Reservoir plus, \$46.1 million from the 2018 appropriation for a total of \$110.1 million, \$14.9 million for Dispersed Water Management Program, \$16 million for Lakeside Ranch STA and \$2.3 million for land management. The increase in this category is primarily due to re-budgeted funds for the EAA Reservoir and CERP (\$1 million).
- Florida Forever Trust Fund \$2.7 million re-budget of 2015 appropriation which is in the Adopted Budget but is not included in the Fiscal Year 2019-20 Preliminary Budget.
- Save Our Everglades Trust Fund (SOETF) has no amounts in the Fiscal Year 2019-20 Preliminary Budget.
- The budget for Alligator Alley tolls is \$0 based on the amount in the memorandum of agreement with the state. The decrease is due to the expiration of the current memorandum of agreement with the state.
- Other state revenue of \$7.2 million decreased by \$234,569 or 3.1 percent over Fiscal Year 2018-19 Adopted Budget. The decrease is due to FDEP funds for Model TMDL Lake Okeechobee Drainage project and Model Archive project. The Other State revenue category includes \$7 million from FWC for vegetation management and \$200,000 of Everglades License Tag revenue.

Federal Revenues

- Federal revenues in the Fiscal Year 2019-20 Preliminary Budget increased \$1.4 million (15 percent) from the Adopted Budget. A grant from NRCS decreased by \$954,760 and DOI grant also for \$132,435. Federal funds increased by \$2,521,303 in projected funds to be reimbursed from the USACE for Operation, Maintenance, Repair, Replacement and Rehabilitation (OMRR&R) Costs related to completed CERP and foundation projects. This increase reflects the calculated revenue based on reimbursement agreements with the USACE.

III. BUDGET HIGHLIGHTS

C. Budget Summary

5. Source of Funds by Program (Actual – Unaudited)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SOURCE OF FUNDS BY PROGRAM
 Fiscal Year 2017-18 (Actual - Unaudited)
 PRELIMINARY BUDGET - Fiscal Year 2019-20

SOURCE OF FUNDS	Water Resources Planning and Monitoring	Land Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	District Management and Administration	Fiscal Year 2017-18 (Actual - Unaudited)
District Revenues	34,369,756	53,035,245	181,588,410	15,663,065	1,069,116	30,947,704	316,673,296
Reserves	-	-	-	-	-	-	-
Debt - Certificate of Participation (COPS)	-	-	-	-	-	-	-
Local Revenues	-	-	38,305	-	-	-	38,305
State General Revenues	-	2,192,414	-	-	-	-	2,192,414
Land Acquisition Trust Fund	-	109,397,960	-	-	-	-	109,397,960
FDEP/EPC Gardiner Trust Fund	-	-	-	-	-	-	-
P2000 Revenue	-	-	-	-	-	-	-
FDOT/Mitigation	-	-	-	-	-	-	-
Water Management Lands Trust Fund	-	-	-	-	-	-	-
Water Quality Assurance (SWIM) Trust Fund	-	-	-	-	-	-	-
Florida Forever	-	-	-	-	-	-	-
Save Our Everglades Trust Fund	-	53,723,487	-	-	-	-	53,723,487
Alligator Alley Tolls	1,119,405	3,117,031	1,000,000	-	-	-	5,236,436
Other State Revenue	309,702	106,416	3,570,228	3,684	-	-	3,990,030
Federal Revenues	311,035	474,590	8,784,698	6,337	-	39,729	9,616,389
Federal through State (FDEP)	-	-	-	-	-	-	-
SOURCE OF FUND TOTAL	36,109,898	222,047,143	194,981,641	15,673,086	1,069,116	30,987,433	500,868,317

District Revenues include
 Ad Valorem 277,200,791
 Ag Privilege Tax 11,071,651
 Permit & License Fees 12,905,481
 Miscellaneous Revenues 15,495,373

REVENUES BY SOURCE	Water Resources Planning and Monitoring	Land Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	District Management and Administration	Fiscal Year 2017-18 (Actual - Unaudited)
District Revenues	34,369,756	53,035,245	181,588,410	15,663,065	1,069,116	30,947,704	316,673,296
Reserves	-	-	-	-	-	-	-
Debt	-	-	-	-	-	-	-
Local Revenues	-	-	38,305	-	-	-	38,305
State Revenues	1,429,107	168,537,308	4,570,228	3,684	-	-	174,540,327
Federal Revenues	311,035	474,590	8,784,698	6,337	-	39,729	9,616,389
TOTAL	36,109,898	222,047,143	194,981,641	15,673,086	1,069,116	30,987,433	500,868,317

III. BUDGET HIGHLIGHTS

C. Budget Summary

5. Source of Funds by Program (Adopted)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SOURCE OF FUNDS BY PROGRAM
 Fiscal Year 2018-19 (Adopted)
 PRELIMINARY BUDGET - Fiscal Year 2019-20

SOURCE OF FUNDS	Water Resources Planning and Monitoring	Land Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	District Management and Administration	Fiscal Year 2018-19 (Adopted)
District Revenues	46,885,548	53,045,026	182,179,945	21,735,074	1,125,455	33,979,566	338,950,614
Reserves	4,863,486	36,057,981	83,457,839	332,800	-	3,119,135	127,831,241
Debt - Certificate of Participation (COPS)	-	-	-	-	-	-	-
Local Revenues	150,000	-	229,200	-	-	-	379,200
State General Revenues	-	3,201,131	500,000	-	-	-	3,701,131
Land Acquisition Trust Fund	-	277,185,372	2,350,000	-	-	-	279,535,372
FDEP/EPC Gardiner Trust Fund	-	-	-	-	-	-	-
P2000 Revenue	-	-	-	-	-	-	-
FDOT/Mitigation	-	-	-	-	-	-	-
Water Management Lands Trust Fund	-	-	-	-	-	-	-
Water Quality Assurance (SWIM) Trust Fund	-	-	-	-	-	-	-
Florida Forever	-	2,670,328	-	-	-	-	2,670,328
Save Our Everglades Trust Fund	-	42,500,000	-	-	-	-	42,500,000
Alligator Alley Tolls	222,035	6,210	1,000,000	-	-	-	1,228,245
Other State Revenue	350,000	92,000	7,036,177	-	-	-	7,478,177
Federal Revenues	598,502	2,419,132	6,530,111	-	-	-	9,547,745
Federal through State (FDEP)	75,000	-	-	-	-	-	75,000
SOURCE OF FUND TOTAL	53,144,571	417,177,180	283,283,272	22,067,874	1,125,455	37,098,701	813,897,053

District Revenues include
 Ad Valorem 277,317,500
 Ag Privilege Tax 11,045,990
 Permit & License Fees 3,520,700
 Miscellaneous Revenues 47,066,424

REVENUES BY SOURCE	Water Resources Planning and Monitoring	Land Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	District Management and Administration	Fiscal Year 2018-19 (Adopted)
District Revenues	46,885,548	53,045,026	182,179,945	21,735,074	1,125,455	33,979,566	338,950,614
Reserves	4,863,486	36,057,981	83,457,839	332,800	-	3,119,135	127,831,241
Debt	-	-	-	-	-	-	-
Local Revenues	150,000	-	229,200	-	-	-	379,200
State Revenues	572,035	325,655,041	10,886,177	-	-	-	337,113,253
Federal Revenues	673,502	2,419,132	6,530,111	-	-	-	9,622,745
TOTAL	53,144,571	417,177,180	283,283,272	22,067,874	1,125,455	37,098,701	813,897,053

III. BUDGET HIGHLIGHTS

C. Budget Summary

5. Source of Funds by Program (Preliminary Budget)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SOURCE OF FUNDS BY PROGRAM
 Fiscal Year 2019-20 (Preliminary Budget)
 PRELIMINARY BUDGET - Fiscal Year 2019-20

SOURCE OF FUNDS	Water Resources Planning and Monitoring	Land Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	District Management and Administration	Fiscal Year 2019-20 (Preliminary Budget)
District Revenues	45,515,706	52,646,752	192,009,208	21,645,387	1,131,666	34,247,323	347,196,042
Reserves	3,688,282	20,380,474	91,414,742	272,200	-	3,424,895	119,180,593
Debt - Certificate of Participation (COPS)	-	-	-	-	-	-	-
Local Revenues	300,000	-	229,200	-	-	-	529,200
State General Revenues	-	1,500,000	500,000	-	-	-	2,000,000
Land Acquisition Trust Fund	-	321,073,491	4,850,000	-	-	-	325,923,491
FDEP/EPC Gardiner Trust Fund	-	-	-	-	-	-	-
P2000 Revenue	-	-	-	-	-	-	-
FDOT/Mitigation	-	-	-	-	-	-	-
Water Management Lands Trust Fund	-	-	-	-	-	-	-
Water Quality Assurance (SWIM) Trust Fund	-	-	-	-	-	-	-
Florida Forever	-	-	-	-	-	-	-
Save Our Everglades Trust Fund	-	-	-	-	-	-	-
Alligator Alley Tolls	-	-	-	-	-	-	-
Other State Revenue	200,000	-	7,043,608	-	-	-	7,243,608
Federal Revenues	825,021	1,336,456	8,820,376	-	-	-	10,981,853
Federal through State (FDEP)	75,000	-	-	-	-	-	75,000
SOURCE OF FUND TOTAL	50,604,009	396,937,173	304,867,134	21,917,587	1,131,666	37,672,218	813,129,787

District Revenues include
 Ad Valorem 283,285,623
 Ag Privilege Tax 11,045,990
 Permit & License Fees 3,520,700
 Miscellaneous Revenues 49,343,729

REVENUES BY SOURCE	Water Resources Planning and Monitoring	Land Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	District Management and Administration	Fiscal Year 2019-20 (Preliminary Budget)
District Revenues	45,515,706	52,646,752	192,009,208	21,645,387	1,131,666	34,247,323	347,196,042
Reserves	3,688,282	20,380,474	91,414,742	272,200	-	3,424,895	119,180,593
Debt	-	-	-	-	-	-	-
Local Revenues	300,000	-	229,200	-	-	-	529,200
State Revenues	200,000	322,573,491	12,393,608	-	-	-	335,167,099
Federal Revenues	900,021	1,336,456	8,820,376	-	-	-	11,056,853
TOTAL	50,604,009	396,937,173	304,867,134	21,917,587	1,131,666	37,672,218	813,129,787

III. BUDGET HIGHLIGHTS

C. Budget Summary

6. *Preliminary to Tentative Comparison*

Not Applicable to Preliminary Budget Submittal

III. BUDGET HIGHLIGHTS

C. Budget Summary

7. Proposed Millage Rates

Ongoing policy direction is to levy rolled-back millage rates. In accordance with Florida Statute, the rolled-back millage rate is calculated in the following manner:

The form on which the certification is made shall include instructions to each taxing authority describing the proper method of computing a millage rate which, exclusive of new construction, additions to structures, deletions, increases in the value of improvements that have undergone a substantial rehabilitation which increased the assessed value of such improvements by at least 100 percent, property added due to geographic boundary changes, total taxable value of tangible personal property within the jurisdiction in excess of 115 percent of the previous year's total taxable value, and any dedicated increment value, will provide the same ad valorem tax revenue for each taxing authority as was levied during the prior year less the amount, if any, paid or applied as a consequence of an obligation measured by the dedicated increment value. That millage rate shall be known as the "rolled-back rate." [Excerpt from section 200.065(1), F.S.]

When certified property values are received from the property appraisers in July, the datum from all counties in the District's jurisdiction is compiled and calculated to determine the rolled-back rates for the District. The annual property tax cycle known as TRIM (Truth in Millage) as defined by Florida Statute begins with the certification of taxable values every July 1st so taxing authorities can determine the millage rates to levy ad valorem taxes.

The Governing Board continues the commitment to deliver on our core mission functions while maximizing the efficient use of South Florida tax payer investments. The Fiscal Year 2019-20 Preliminary Budget estimates \$283,285,623 which is \$5,968,123 more than the Fiscal Year 2018-19 Adopted revenue of \$277,317,500. The estimated increase of \$5,968,123 includes conservative new construction growth estimates, moderate impacts from Value Adjustment Board petition hearing impacts, and an adjustment to the discount rate from the statutory minimum required 95 percent to 96 percent based on collection trends.

Pursuant to section 373.503(3), F.S., taxes levied by each (water management district) Governing Board may be separated into a millage necessary for the purposes of the District and a millage necessary for financing basin functions. The tax levies of the South Florida Water Management District are set by the Governing Board for each of the two basins within the District: the Okeechobee Basin and the Big Cypress Basin. Each basin millage rate is then combined with an overall "District-at-large" millage rate which determines the total millage to be assessed upon property owners within each basin.

The following table illustrates the estimated ad valorem tax revenue for the Fiscal Year 2019-20 Preliminary Budget. The net increase of 2.2 percent over the current year adopted ad valorem tax revenue is the combined result of conservative new construction growth, moderate impact from the Value Adjustment Board (VAB) petition hearing results, and the adjustment of the budgetary discount rate from the statutory minimum of 95 percent to 96 percent.

III. BUDGET HIGHLIGHTS

The estimated rolled-back millage rates in the following table for Fiscal Year 2019-20 are based on a combination of estimated data from the Office of Economic and Demographic Research and trend analysis. Actual rolled-back millage rates will be calculated in July following the certification of tax rolls by each county property appraiser in the District's jurisdiction.

III. BUDGET HIGHLIGHTS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
THREE-YEAR AD VALOREM TAX COMPARISON
 Fiscal Years 2017-18, 2018-19 and 2019-20
 Preliminary Budget - January 15, 2019

DISTRICT-AT-LARGE			
Ad valorem Tax Comparison	FY 2017-18 (Actual - Unaudited)	FY 2018-19 (Adopted)	FY 2019-20 (Estimated RBR)
Ad Valorem Taxes	\$115,854,827	\$115,888,100	\$118,477,100
Millage rate	0.1275	0.1209	0.1182
Rolled-back Rate	0.1275	0.1209	0.1182
Percent of Change of Rolled-back Rate	0.0%	0.0%	0.0%
Gross Taxable Value for Operating Purposes	\$945,202,827,531	\$1,008,994,126,224	\$1,044,308,920,642
Net New Taxable Value	\$21,083,703,884	\$18,810,505,385	\$19,031,875,164
Adjusted Taxable Value	\$924,119,123,647	\$990,183,620,839	\$1,025,277,045,478

OKEECHOBEE BASIN			
Ad valorem Tax Comparison	FY 2017-18 (Actual - Unaudited)	FY 2018-19 (Adopted)	FY 2019-20 (Estimated RBR)
Ad Valorem Taxes	\$114,600,612	\$114,566,750	\$117,035,750
Millage rate	0.1384	0.1310	0.1280
Rolled-back Rate	0.1384	0.1310	0.1280
Percent of Change of Rolled-back Rate	0.0%	0.0%	0.0%
Gross Taxable Value for Operating Purposes	\$861,501,936,710	\$920,583,448,698	\$952,803,869,588
Net New Taxable Value	\$18,592,024,230	\$16,732,651,304	\$17,352,727,205
Adjusted Taxable Value	\$842,909,912,480	\$903,850,797,394	\$935,451,142,383

EVERGLADES CONSTRUCTION PROJECT (OKEECHOBEE BASIN)			
Ad valorem Tax Comparison	FY 2017-18 (Actual - Unaudited)	FY 2018-19 (Adopted)	FY 2019-20 (Estimated RBR)
Ad Valorem Taxes	\$36,497,659	\$36,469,000	\$37,234,000
Millage rate	0.0441	0.0417	0.0407
Rolled-back Rate	0.0441	0.0417	0.0407
Percent of Change of Rolled-back Rate	0.0%	0.0%	0.0%
Gross Taxable Value for Operating Purposes	\$861,501,936,710	\$920,583,448,698	\$952,803,869,588
Net New Taxable Value	\$18,592,024,230	\$16,732,651,304	\$17,352,727,205
Adjusted Taxable Value	\$842,909,912,480	\$903,850,797,394	\$935,451,142,383

BIG CYPRESS BASIN			
Ad valorem Tax Comparison	FY 2017-18 (Actual - Unaudited)	FY 2018-19 (Adopted)	FY 2019-20 (Estimated RBR)
Ad Valorem Taxes	\$10,247,693	\$10,393,650	\$10,538,773
Millage rate	0.1270	0.1231	0.1211
Rolled-back Rate	0.1270	0.1231	0.1211
Percent of Change of Rolled-back Rate	0.0%	0.0%	0.0%
Gross Taxable Value for Operating Purposes	\$83,700,890,821	\$88,410,677,526	\$91,505,051,054
Net New Taxable Value	\$2,491,679,654	\$2,077,854,081	\$1,679,147,959
Adjusted Taxable Value	\$81,209,211,167	\$86,332,823,445	\$89,825,903,095

TOTAL OKEECHOBEE BASIN (District-at-Large + Basins)			
Ad valorem Tax Comparison	FY 2017-18 (Actual - Unaudited)	FY 2018-19 (Adopted)	FY 2019-20 (Estimated RBR)
Ad Valorem Taxes	\$256,693,763	\$256,769,442	\$262,346,850
Millage rate	0.3100	0.2936	0.2869
Rolled-back Rate	0.3100	0.2936	0.2869
Percent of Change of Rolled-back Rate	0.0%	0.0%	0.0%
Gross Taxable Value for Operating Purposes	\$861,501,936,710	\$920,583,448,698	\$952,803,869,588
Net New Taxable Value	\$18,592,024,230	\$16,732,651,304	\$17,352,727,205
Adjusted Taxable Value	\$842,909,912,480	\$903,850,797,394	\$935,451,142,383

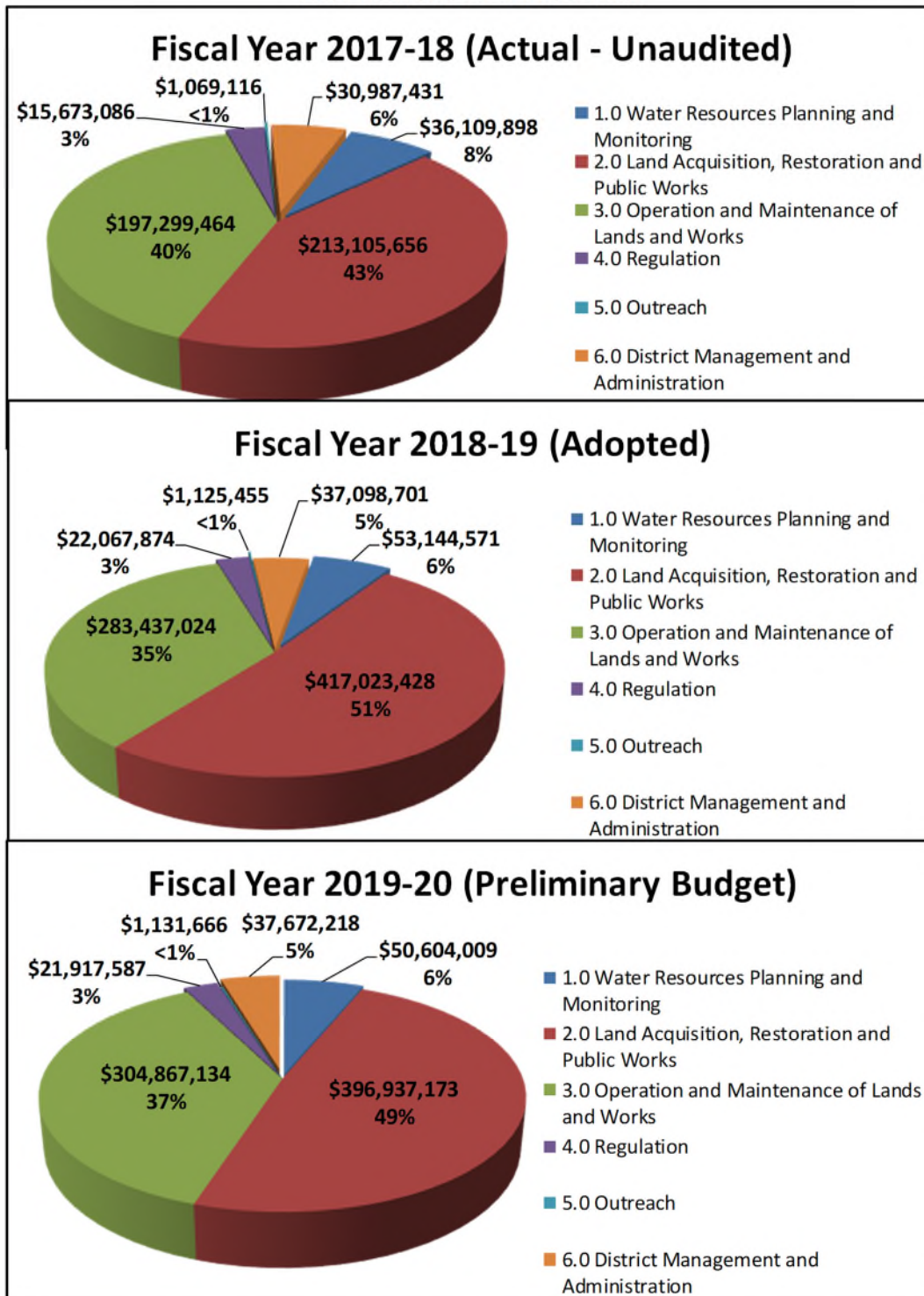
TOTAL BIG CYPRESS BASIN (District-at-Large + Basin)			
Ad valorem Tax Comparison	FY 2017-18 (Actual - Unaudited)	FY 2018-19 (Adopted)	FY 2019-20 (Estimated RBR)
Ad Valorem Taxes	\$20,507,028	\$20,548,058	\$20,938,773
Millage rate	0.2545	0.2440	0.2393
Rolled-back Rate	0.2545	0.2440	0.2393
Percent of Change of Rolled-back Rate	0.0%	0.0%	0.0%
Gross Taxable Value for Operating Purposes	\$83,700,890,821	\$88,410,677,526	\$91,505,051,054
Net New Taxable Value	\$2,491,679,654	\$2,077,854,081	\$1,679,147,959
Adjusted Taxable Value	\$81,209,211,167	\$86,332,823,445	\$89,825,903,095

III. BUDGET HIGHLIGHTS

C. Budget Summary

8. Use of Funds by Program Three-Year Comparison

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
PRELIMINARY BUDGET - Fiscal Year 2019-20
EXPENDITURES BY PROGRAM



III. BUDGET HIGHLIGHTS

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
THREE-YEAR EXPENDITURE SUMMARY BY PROGRAM**
Fiscal Years 2017-18 (Actual - Unaudited) 2018-19 (Adopted) 2019-20 (Preliminary)
PRELIMINARY BUDGET - Fiscal Year 2019-20

PROGRAMS, ACTIVITIES AND SUB-ACTIVITIES	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
1.0 Water Resources Planning and Monitoring	\$36,109,898	\$53,144,571	\$50,604,009	-\$2,540,562	-4.8%
1.1 - District Water Management Planning	12,509,353	25,032,011	22,495,715	-2,536,296	-10.1%
1.1.1 Water Supply Planning	4,883,458	17,025,185	16,068,869	-956,317	-5.6%
1.1.2 Minimum Flows and Levels	412,547	303,691	305,545	1,854	0.6%
1.1.3 Other Water Resources Planning	7,213,348	7,703,134	6,121,301	-1,581,833	-20.5%
1.2 - Research, Data Collection, Analysis and Monitoring	20,978,071	24,873,808	24,858,387	-15,421	-0.1%
1.3 - Technical Assistance	201,466	210,833	211,601	768	0.4%
1.4 - Other Water Resources Planning and Monitoring Activities	0	0	0	0	
1.5 - Technology and Information Services	2,421,008	3,027,919	3,038,306	10,387	0.3%
2.0 Land Acquisition, Restoration and Public Works	\$213,105,656	\$417,023,428	\$396,937,173	-\$20,086,255	-4.8%
2.1 - Land Acquisition	0	0	0	0	
2.2 - Water Source Development	2,260,440	279,211	280,678	1,467	0.5%
2.2.1 Water Resource Development Projects	242,264	228,152	229,432	1,280	0.6%
2.2.2 Water Supply Development Assistance	2,018,176	51,059	51,246	187	0.4%
2.2.3 Other Water Source Development Activities	0	0	0	0	
2.3 - Surface Water Projects	208,577,175	414,804,111	394,715,267	-20,088,844	-4.8%
2.4 - Other Cooperative Projects	586,334	277,514	279,240	1,726	0.6%
2.5 - Facilities Construction and Major Renovations	0	0	0	0	
2.6 - Other Acquisition and Restoration Activities	0	0	0	0	
2.7 - Technology and Information Services	1,681,707	1,662,592	1,661,988	-604	0.0%
3.0 Operation and Maintenance of Lands and Works	\$197,299,464	\$283,437,024	\$304,867,134	\$21,430,110	7.6%
3.1 - Land Management	11,367,294	17,377,516	27,713,033	10,335,517	59.5%
3.2 - Works	139,029,971	209,179,908	216,983,393	7,803,485	3.7%
3.3 - Facilities	4,620,896	3,933,824	3,940,864	7,040	0.2%
3.4 - Invasive Plant Control	20,923,315	29,864,510	33,005,181	3,140,671	10.5%
3.5 - Other Operation and Maintenance Activities	4,274,942	5,099,740	5,121,558	21,818	0.4%
3.6 - Fleet Services	7,128,494	7,945,076	7,984,379	39,303	0.5%
3.7 - Technology and Information Services	9,954,553	10,036,450	10,118,726	82,276	0.8%
4.0 Regulation	\$15,673,086	\$22,067,874	\$21,917,587	-\$150,287	-0.7%
4.1 - Consumptive Use Permitting	4,324,678	5,222,979	5,209,077	-13,902	-0.3%
4.2 - Water Well Construction Permitting and Contractor Licensin	0	0	0	0	
4.3 - Environmental Resource and Surface Water Permitting	8,014,933	8,936,028	8,840,752	-95,276	-1.1%
4.4 - Other Regulatory and Enforcement Activities	624,555	4,783,558	4,798,426	14,868	0.3%
4.5 - Technology and Information Services	2,708,920	3,125,309	3,069,332	-55,977	-1.8%
5.0 Outreach	\$1,069,116	\$1,125,455	\$1,131,666	\$6,211	0.6%
5.1 - Water Resource Education	0	0	0	0	
5.2 - Public Information	1,060,616	1,093,955	1,100,166	6,211	0.6%
5.3 - Public Relations	0	0	0	0	
5.4 - Cabinet & Legislative Affairs	8,500	31,500	31,500	0	0.0%
5.5 - Other Outreach Activities	0	0	0	0	
5.6 - Technology and Information Services	0	0	0	0	
<i>SUBTOTAL - Major Programs (excluding Management and Administration)</i>	<i>\$463,257,220</i>	<i>\$776,798,352</i>	<i>\$775,457,569</i>	<i>-\$1,340,783</i>	<i>-0.2%</i>
6.0 District Management and Administration	\$30,987,431	\$37,098,701	\$37,672,218	\$573,517	1.5%
6.1 - Administrative and Operations Support	25,093,604	30,348,589	30,912,336	563,747	1.9%
6.1.1 - Executive Direction	352,009	693,241	600,120	-6,879	-1.2%
6.1.2 - General Counsel / Legal	3,268,968	2,709,532	2,681,517	-18,015	-0.7%
6.1.3 - Inspector General	813,253	820,586	850,326	29,740	3.6%
6.1.4 - Administrative Support	7,572,708	12,001,999	11,848,728	-153,271	-1.3%
6.1.5 - Fleet Services	0	0	0	0	
6.1.6 - Procurement / Contract Administration	1,888,663	2,040,942	2,056,677	14,735	0.7%
6.1.7 - Human Resources	1,529,331	1,727,646	1,729,107	1,461	0.1%
6.1.8 - Communications	229,806	428,740	428,740	0	0.0%
6.1.9 - Technology and Information Services	9,457,846	10,025,903	10,708,121	682,218	6.8%
6.2 - Computer/Computer Support	0	0	0	0	
6.3 - Reserves	0	0	0	0	
6.4 - Other - (Tax Collector / Property Appraiser Fees)	5,893,827	6,750,112	6,759,882	9,770	0.1%
TOTAL	\$494,244,651	\$813,897,053	\$813,129,787	-\$767,266	-0.1%

Expenditures by Program	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
1.0 Water Resources Planning and Monitoring	\$36,109,898	\$53,144,571	\$50,604,009	-\$2,540,562	-4.8%
2.0 Land Acquisition, Restoration and Public Works	\$213,105,656	\$417,023,428	\$396,937,173	-\$20,086,255	-4.8%
3.0 Operation and Maintenance of Lands and Works	\$197,299,464	\$283,437,024	\$304,867,134	\$21,430,110	7.6%
4.0 Regulation	\$15,673,086	\$22,067,874	\$21,917,587	-\$150,287	-0.7%
5.0 Outreach	\$1,069,116	\$1,125,455	\$1,131,666	\$6,211	0.6%
6.0 District Management and Administration	\$30,987,431	\$37,098,701	\$37,672,218	\$573,517	1.5%

III. BUDGET HIGHLIGHTS

C. Budget Summary

9. Major Use of Funds Variances

1.0 Water Resources Planning and Monitoring

The Fiscal Year 2019-20 Preliminary Budget for Program 1 is \$50.6 million, which is a 4.8 percent (\$2.5 million) decrease from the Fiscal Year 2018-19 Adopted Budget of \$53.1 million. The reduction is primarily due to Interagency Expenditures decreasing by \$1.5 million for Big Cypress Basin local partnership projects. Also, there is a decrease in Fixed Capital Outlay (\$839,050) for CFWI resulting from some of the funds allocated to that project being used in the year. There is also a decrease in Operating Capital Outlay (\$317,700) due to one-time purchase of Herbert Hoover Dike SCADA equipment and Operations and Maintenance equipment in the current year.

2.0 Land Acquisition, Restoration and Public Works

The Fiscal Year 2019-20 Preliminary Budget for Program 2.0 is \$396.9 million, which is a 4.8 percent (\$20.1 million) decrease from the Fiscal Year 2018-19 Adopted Budget of \$417.0 million. Contracted Services decreased 71.1 percent (\$56.4 million) primarily due to decreased cash flow requirements within this expense category for NEEPP-Dispersed Water Management projects. Operating Capital Outlay decreased 98.9 percent (\$12.0 million) primarily due to reduced cash flow requirements for Restoration Strategies projects as they progress to the next phase. Fixed Capital Outlay increased 17.9 percent (\$48.8 million) due to a net increase of new and prior year state appropriated funding for the EAA Storage Reservoir (\$31.0 million), reclassification of the new state appropriated funding for Restoration Strategies Projects (\$12 million) as they progress to the next phase and one-time funding for CERP land acquisition (\$5.9 million).

3.0 Operation and Maintenance of Lands and Works

The Fiscal Year 2019-20 Preliminary Budget for Program 3.0 is \$304.9 million, which is a 7.6 percent (\$21.4 million) increase from the Fiscal Year 2018-19 Adopted Budget of \$283.4 million. The largest increase is in Operating Capital Outlay 99.5 percent (\$12.4 million) and is primarily due to the additional Lake Belt Mitigation funds for the on-going design and construction on the C-139 Annex Restoration project, increases in Operating Expenses 14.3 percent (\$12.3 million) are primarily due to new works of the District coming online as well as ongoing repairs and maintenance of the C&SF System and O&M Refurbishment Program. Contracted Services increased 17.3 percent (\$1.6 million) primarily in support of multi-year needs for the Operations Decision Support System and the NAV88 upgrades. An overall decrease in Fixed Capital Outlay 11.4 percent (\$5.0 million) reflects the O&M Refurbishment Programs multi-year project cash flow requirements for completion, continuation of design and construction requirements for the first-year construction for projects underway.

4.0 Regulation

The Fiscal Year 2019-20 Preliminary Budget for Program 4.0 is \$21.9 million, which is an 0.68 percent (\$150,287) decrease from the Fiscal Year 2018-19 Adopted Budget of \$22.1 million. The overall decrease is attributable to decreases in Salary and Benefits (\$18,212) and Operating Expenses (\$71,475) which is associated with a re-allocation of flight operation services costs between programs. The overall decrease in Contracted Services (\$60,600) is due to a decrease in funding for the Regulation software upgrade to the e-Permitting system.

III. BUDGET HIGHLIGHTS

5.0 Outreach

The Fiscal Year 2019-20 Preliminary Budget for Program 5.0 is \$1.1 million, which is a 0.55 percent (\$6,211) increase from the Fiscal Year 2018-19 Adopted Budget of \$1.1 million. The variance is due to an increase in Salaries and Benefits. Increases in Operating Expenses are fully offset by decreases in Contracted Services for media related equipment and services and the total remains the same as the Fiscal Year 2018-19 Adopted Budget.

6.0 District Management and Administration

The Fiscal Year 2019-20 Preliminary Budget for Program 6.0 is \$37.7 million, which is a 1.6 percent (\$573,517) increase from the Fiscal Year 2018-19 Adopted Budget of \$37.1 million. The increase is a result of a 13.1 percent (\$262,206) increase in capital outlay due to primarily to telemetry equipment. There also an increase in Fixed Capital Outlay (\$12,402) for replacement of a security access panel, a 1.6 percent (\$229,190) increase in operating expenses due to an increase in computer software maintenance and a 5.4 percent (\$145,054) increase in contractual services for IT consulting services for enterprise software partially offset by a 0.42 percent (\$75,335) decrease in salary and benefits primarily due to a decrease in other personnel benefits.

IV. PROGRAM ALLOCATIONS

A. Program and Activity Definitions, Descriptions, and Budget

This section provides the Fiscal Year 2019-20 Preliminary Budget organized by program and activity. The water management districts are responsible for six program areas pursuant to Sections 373.535 and 373.536, Florida Statutes: Water Resources Planning and Monitoring; Land Acquisition, Restoration, and Public Works; Operation and Maintenance of Works and Lands; Regulation; Outreach; and District Management and Administration.

The following information is provided for all PROGRAMS:

- Program by Expenditure Category.
- Source of Funds.
- Rate, Operating and Non-Operating.
- Workforce.
- Reductions - New Issues Summary.

In addition, for each PROGRAM, ACTIVITY, and SUB-ACTIVITY, narratives include a Program Title, District Description, Changes and Trends, Budget Variances and Major Budget Items.

The following information is provided for each ACTIVITY and SUB-ACTIVITY:

- Activity (or Sub-activity) by Expenditure Category.
- Source of Funds.
- Operating and Non-Operating Expenses.

IV. PROGRAM ALLOCATIONS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
PRELIMINARY BUDGET - Fiscal Year 2019-20

ALL PROGRAMS

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary - Adopted)	% of Change (Preliminary - Adopted)
1.0 Water Resources Planning and Monitoring	\$ 35,904,720	\$ 33,531,711	\$ 36,109,898	\$ 53,144,571	\$ 50,604,009	\$ (2,540,562)	-4.8%
2.0 Land Acquisition, Restoration and Public Works	\$ 170,109,682	\$ 234,030,806	\$ 213,105,656	\$ 417,023,428	\$ 396,937,173	\$ (20,086,255)	-4.8%
3.0 Operation and Maintenance of Lands and Works	\$ 186,004,061	\$ 183,166,582	\$ 197,299,464	\$ 283,437,024	\$ 304,867,134	\$ 21,430,110	7.6%
4.0 Regulation	\$ 20,358,321	\$ 15,951,656	\$ 15,673,086	\$ 22,067,874	\$ 21,917,587	\$ (150,287)	-0.7%
5.0 Outreach	\$ 1,264,012	\$ 1,116,241	\$ 1,069,116	\$ 1,125,455	\$ 1,131,666	\$ 6,211	0.6%
6.0 District Management and Administration	\$ 27,621,546	\$ 26,147,789	\$ 30,987,431	\$ 37,098,701	\$ 37,672,218	\$ 573,517	1.5%
TOTAL	\$ 441,262,342	\$ 493,944,785	\$ 494,244,651	\$ 813,897,053	\$ 813,129,787	\$ (767,266)	-0.1%

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary - Adopted)	% of Change (Preliminary - Adopted)
Salaries and Benefits	\$ 141,245,731	\$ 133,509,178	\$ 133,531,614	\$ 147,298,781	\$ 147,298,781	\$ -	0.0%
Other Personal Services	\$ 210,851	\$ 229,798	\$ 214,455	\$ 275,775	\$ 275,775	\$ -	0.0%
Contracted Services	\$ 33,593,730	\$ 36,761,820	\$ 31,824,542	\$ 95,017,207	\$ 40,340,214	\$ (54,676,993)	-57.5%
Operating Expenses	\$ 76,582,964	\$ 73,957,249	\$ 91,518,754	\$ 125,550,114	\$ 137,726,326	\$ 12,176,212	9.7%
Operating Capital Outlay	\$ 25,089,693	\$ 19,650,792	\$ 24,492,688	\$ 27,095,718	\$ 27,450,046	\$ 354,328	1.3%
Fixed Capital Outlay	\$ 113,238,110	\$ 188,636,035	\$ 170,450,899	\$ 318,682,004	\$ 361,737,912	\$ 43,055,908	13.5%
Interagency Expenditures (Cooperative Funding)	\$ 9,587,000	\$ 9,170,388	\$ 11,801,224	\$ 8,328,492	\$ 6,673,269	\$ (1,655,223)	-19.9%
Debt	\$ 41,714,263	\$ 32,029,525	\$ 30,410,475	\$ 30,393,625	\$ 30,372,127	\$ (21,498)	-0.1%
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ 61,255,337	\$ 61,255,337	\$ -	0.0%
TOTAL	\$ 441,262,342	\$ 493,944,785	\$ 494,244,651	\$ 813,897,053	\$ 813,129,787	\$ (767,266)	-0.1%

SOURCE OF FUNDS

Fiscal Year 2019-20

	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Salaries and Benefits	\$ 143,363,611	\$ 1,234,672	\$ -	\$ -	\$ 59,608	\$ 2,640,890	\$ 147,298,781
Other Personal Services	\$ 275,775	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 275,775
Contracted Services	\$ 13,693,291	\$ 6,785,687	\$ -	\$ 300,000	\$ 17,985,485	\$ 1,575,751	\$ 40,340,214
Operating Expenses	\$ 113,336,468	\$ 7,763,951	\$ -	\$ 229,200	\$ 9,724,728	\$ 6,671,979	\$ 137,726,326
Operating Capital Outlay	\$ 6,810,525	\$ 20,636,721	\$ -	\$ -	\$ -	\$ 2,800	\$ 27,450,046
Fixed Capital Outlay	\$ 34,275,902	\$ 20,359,732	\$ -	\$ -	\$ 307,102,278	\$ -	\$ 361,737,912
Interagency Expenditures (Cooperative Funding)	\$ 5,068,343	\$ 1,144,493	\$ -	\$ -	\$ 295,000	\$ 165,433	\$ 6,673,269
Debt	\$ 30,372,127	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,372,127
Reserves - Emergency Response	\$ -	\$ 61,255,337	\$ -	\$ -	\$ -	\$ -	\$ 61,255,337
TOTAL	\$ 347,196,042	\$ 119,180,593	\$ -	\$ 529,200	\$ 335,167,099	\$ 11,056,853	\$ 813,129,787

RATE, OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Workforce	Rate (Salary without benefits)	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	1,475	\$ 100,917,219	\$ 147,298,781	\$ -	\$ 147,298,781
Other Personal Services	4	\$ 275,775	\$ 275,775	\$ -	\$ 275,775
Contracted Services	-	\$ -	\$ 28,879,115	\$ 11,461,099	\$ 40,340,214
Operating Expenses	-	\$ -	\$ 97,781,178	\$ 39,945,148	\$ 137,726,326
Operating Capital Outlay	-	\$ -	\$ 6,907,525	\$ 20,542,521	\$ 27,450,046
Fixed Capital Outlay	-	\$ -	\$ 132,775,902	\$ 228,962,010	\$ 361,737,912
Interagency Expenditures (Cooperative Funding)	-	\$ -	\$ 5,832,793	\$ 840,476	\$ 6,673,269
Debt	-	\$ -	\$ 30,372,127	\$ -	\$ 30,372,127
Reserves - Emergency Response	-	\$ -	\$ -	\$ 61,255,337	\$ 61,255,337
TOTAL			\$ 450,123,196	\$ 363,006,591	\$ 813,129,787

WORKFORCE

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

WORKFORCE CATEGORY	Fiscal Year					Adopted to Preliminary 2018-19 to 2019-20	
	2015-16	2016-17	2017-18	2018-19	2019-20	Difference	% Change
Authorized Positions	1530	1475	1475	1475	1475	-	0.0%
Contingent Worker	0	0	0	0	0	-	-
Other Personal Services	5	4	4	4	4	-	0.00%
Intern	0	0	0	0	0	-	-
Volunteer	0	0	0	0	0	-	-
TOTAL WORKFORCE	1535	1479	1479	1479	1479	-	0.00%

See the Program and Activity information that follows for details regarding the six program areas that comprise this budget.

IV. PROGRAM ALLOCATIONS

South Florida Water Management District REDUCTIONS - NEW ISSUES SUMMARY PRELIMINARY BUDGET - Fiscal Year 2019-20

	1.0 Water Resources Planning and Monitoring	2.0 Land Acquisition, Restoration and Public Works	3.0 Operation and Maintenance of Lands and Works	4.0 Regulation	5.0 Outreach	6.0 District Management and Administration	TOTAL
Reductions							
Salaries and Benefits	(73,245)	(34,895)	(15,292)	(71,561)	0	(117,380)	(312,083)
Other Personal Services	0	0	0	0	0	0	0
Contracted Services	(467,852)	(57,986,980)	(2,141,500)	(80,600)	(6,000)	(202,706)	(60,885,618)
Operating Expenses	(54,235)	(446,885)	(3,264,130)	(90,869)	(250)	(132,129)	(3,990,498)
Operating Capital Outlay	(385,000)	(12,022,813)	(1,337,811)	0	0	(112,294)	(13,857,718)
Fixed Capital Outlay	(839,050)	(165,072,295)	(23,025,922)	0	0	0	(188,937,267)
Interagency Expenditures (Cooperative Funding)	(1,792,077)	(202,981)	(34,882)	0	0	0	(2,029,920)
Debt	0	(631,499)	0	0	0	0	(631,499)
Reserves - Emergency Response	0	0	0	0	0	0	0
	(3,611,459)	(236,399,816)	(29,819,537)	(223,030)	(6,250)	(564,509)	

	1.0 Water Resources Planning and Monitoring	2.0 Land Acquisition, Restoration and Public Works	3.0 Operation and Maintenance of Lands and Works	4.0 Regulation	5.0 Outreach	6.0 District Management and Administration	TOTAL
New Issues							
Salaries and Benefits	18,981	54,131	137,366	53,349	6,211	42,045	312,083
Other Personal Services	0	0	0	0	0	0	0
Contracted Services	529,789	1,594,250	3,716,826	0	0	347,780	6,188,625
Operating Expenses	181,130	22,860	15,575,757	19,394	6,250	361,319	16,186,710
Operating Capital Outlay	67,300	25,000	13,745,246	0	0	374,500	14,212,046
Fixed Capital Outlay	0	213,912,321	18,068,452	0	0	12,402	231,993,175
Interagency Expenditures (Cooperative Funding)	273,697	95,000	6,000	0	0	0	374,697
Debt	0	610,001	0	0	0	0	610,001
Reserves - Emergency Response	0	0	0	0	0	0	0
	1,070,897	216,313,563	51,249,647	72,743	12,461	1,138,026	

	1.0 Water Resources Planning and Monitoring	2.0 Land Acquisition, Restoration and Public Works	3.0 Operation and Maintenance of Lands and Works	4.0 Regulation	5.0 Outreach	6.0 District Management and Administration	TOTAL
NET CHANGE							
Salaries and Benefits	(54,264)	19,526	122,074	(18,212)	6,211	(75,335)	0
Other Personal Services	0	0	0	0	0	0	0
Contracted Services	61,937	(56,392,710)	1,575,326	(80,600)	(6,000)	145,054	(54,678,993)
Operating Expenses	126,895	(426,025)	12,311,627	(71,475)	6,000	229,190	12,176,212
Operating Capital Outlay	(317,700)	(11,997,613)	12,407,435	0	0	262,206	354,326
Fixed Capital Outlay	(839,050)	48,840,026	(4,957,470)	0	0	12,402	43,055,906
Interagency Expenditures (Cooperative Funding)	(1,518,380)	(107,981)	(28,882)	0	0	0	(1,655,223)
Debt	0	(21,498)	0	0	0	0	(21,498)
Reserves - Emergency Response	0	0	0	0	0	0	0
	(2,540,562)	(20,086,255)	21,430,110	(150,287)	6,211	573,517	

IV. PROGRAM ALLOCATIONS

1.0 Water Resources Planning and Monitoring

This program includes all water management planning, including water supply planning, development of minimum flows and levels, and other water resources planning; research, data collection, analysis, and monitoring; and technical assistance (including local and regional plan and program review).

District Description

This program includes all water management planning, including water supply planning, development of minimum flows and levels, and other water resources planning; research, data collection, analysis, and monitoring; and technical assistance (including local and regional plan and program review).

This program encompasses a broad scope of activities including water supply planning, minimum flows and levels and other water resources planning. This includes the stormwater projects, cooperative funding, water supply plan development, hydrogeologic data collection, Caloosahatchee peer review, nutrient budget analysis for the St. Lucie watershed, research and monitoring and support of St. Lucie and Caloosahatchee Rivers watershed protection plan implementation, Florida Bay trend assessments and modeling, and Indian River Lagoon national estuary program. The program also supports research, data collection and analysis and monitoring for ongoing C&SF project, water quality monitoring, flood protection level of service modeling and analysis, STA operations and monitoring, everglades research and evaluation.

Continuing efforts include implementing and updating the plans described above as required, monitoring inflow and nutrient loading to Lake Okeechobee and the Northern Estuaries, and evaluating progress towards meeting the new phosphorus criterion for the Everglades, as well as levels and limits set by the Everglades Settlement Agreement.

Working proactively on the “front end” of the planning and evaluation processes, collaboratively addressing water resource issues, and building successful alliances continues to be important. Since the adoption of the Community Planning Act the number of requests for technical assistance has increased.

IV. PROGRAM ALLOCATIONS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

1.0 Water Resources Planning and Monitoring

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 23,632,454	\$ 22,646,854	\$ 22,499,122	\$ 25,539,352	\$ 25,485,088	\$ (54,264)	-0.2%
Other Personal Services	\$ 112,026	\$ 105,203	\$ 99,022	\$ 108,614	\$ 108,614	\$ -	0.0%
Contracted Services	\$ 1,612,794	\$ 1,806,327	\$ 1,550,823	\$ 3,291,433	\$ 3,353,370	\$ 61,937	1.9%
Operating Expenses	\$ 3,381,386	\$ 3,210,880	\$ 3,816,174	\$ 15,272,227	\$ 15,399,122	\$ 126,895	0.8%
Operating Capital Outlay	\$ 149,503	\$ 221,648	\$ 244,847	\$ 499,300	\$ 181,600	\$ (317,700)	-63.6%
Fixed Capital Outlay	\$ -	\$ -	\$ 884,412	\$ 1,668,163	\$ 829,113	\$ (839,050)	-50.3%
Interagency Expenditures (Cooperative Funding)	\$ 7,016,557	\$ 5,540,799	\$ 7,015,498	\$ 6,765,482	\$ 5,247,102	\$ (1,518,380)	-22.4%
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 35,904,720	\$ 33,531,711	\$ 36,109,898	\$ 53,144,571	\$ 50,604,009	\$ (2,540,562)	-4.8%

SOURCE OF FUNDS

Fiscal Year 2019-20

	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Salaries and Benefits	\$ 24,734,393	\$ 279,854	\$ -	\$ -	\$ -	\$ 470,841	\$ 25,485,088
Other Personal Services	\$ 108,614	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 108,614
Contracted Services	\$ 2,083,282	\$ 742,806	\$ -	\$ 300,000	\$ -	\$ 227,282	\$ 3,353,370
Operating Expenses	\$ 14,507,164	\$ 855,493	\$ -	\$ -	\$ -	\$ 36,465	\$ 15,399,122
Operating Capital Outlay	\$ 107,600	\$ 74,000	\$ -	\$ -	\$ -	\$ -	\$ 181,600
Fixed Capital Outlay	\$ -	\$ -	\$ 829,113	\$ -	\$ -	\$ -	\$ 829,113
Interagency Expenditures (Cooperative Funding)	\$ 3,974,653	\$ 907,016	\$ -	\$ -	\$ 200,000	\$ 165,433	\$ 5,247,102
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ 45,515,706	\$ 3,688,282	\$ -	\$ 300,000	\$ 200,000	\$ 900,021	\$ 50,604,009

RATE, OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Workforce	Rate (Salary without benefits)	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	244	\$ 17,927,772	\$ 25,485,088	\$ -	\$ 25,485,088
Other Personal Services	1	\$ 108,614	\$ 108,614	\$ -	\$ 108,614
Contracted Services	-	-	\$ 2,225,484	\$ 1,127,886	\$ 3,353,370
Operating Expenses	-	-	\$ 3,999,772	\$ 11,399,350	\$ 15,399,122
Operating Capital Outlay	-	-	\$ 181,600	\$ -	\$ 181,600
Fixed Capital Outlay	-	-	\$ -	\$ 829,113	\$ 829,113
Interagency Expenditures (Cooperative Funding)	-	-	\$ 4,626,626	\$ 620,476	\$ 5,247,102
Debt	-	-	\$ -	\$ -	\$ -
Reserves - Emergency Response	-	-	\$ -	\$ -	\$ -
TOTAL			\$ 36,627,184	\$ 13,976,825	\$ 50,604,009

WORKFORCE

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

WORKFORCE CATEGORY	Fiscal Year					Adopted to Preliminary 2018-19 to 2019-20	
	2015-16	2016-17	2017-18	2018-19	2019-20	Difference	% Change
Authorized Positions	238	232	238	244	244	-	0.00%
Contingent Worker	0	0	0	0	0	-	-
Other Personal Services	2	1	1	1	1	-	0.0%
Intern	0	0	0	0	0	-	-
Volunteer	0	0	0	0	0	-	-
TOTAL WORKFORCE	240	233	239	245	245	-	0.00%

Changes and Trends

Decreases in Salaries and Benefits between Fiscal Year 2015-16 to Fiscal Year 2017-18 are due to more staff time spent in Research, Data Collection, Analysis and Monitoring (1.2 sub activity) in 2016 for the Science Plan to identify and implement studies that investigate the critical factors that collectively influence treatment performance and phosphorus reduction in the STAs. In the Fiscal Year 2018-19 Adopted budget this program illustrated an increase in Operating Expenses due to the way our actual insurance expenditures post through payroll, an accounting practice which is continued in the Fiscal Year 2019-20 Preliminary budget. Postings are based on where staff charges versus where staff is budgeted, coupled with budgeting the Districts full insurance exposure. Fixed Capital Outlay increases over the last several fiscal years are a result of the construction of three wells for the Central Florida Water Initiative (CFWI). Contracted services increased in Fiscal Years 2018-19 and Fiscal Year 2019-20 with one-time funding for Operations Emergency Operations Model Forecasting tool, interagency model archiving efforts and mitigation funding in the water conservation area.

This program represents a continued level of service consistent with Fiscal Year 2018-19.

IV. PROGRAM ALLOCATIONS

Updates to the District's regional water supply plans have been initiated or planned. The five-year update to the Lower East Coast was completed in the first quarter of Fiscal Year 2018-19. The schedule for completion of the five-year updates are Lower Kissimmee Basin in Fiscal Year 2019-20; CFWI in Fiscal Year 2020-21; Upper East Coast in Fiscal Year 2020-21 and Lower West Coast in Fiscal Year 2022-23.

Budget Variances

The Fiscal Year 2019-20 Preliminary Budget is \$50.6 million, which is a 4.8 percent (\$2.5 million) decrease from the Fiscal Year 2018-19 Adopted Budget of \$53.1 million. The reduction is primarily due to Interagency Expenditures decreasing by \$1.5 million for Big Cypress Basin local partnership projects. Also, there is a decrease in Capital Outlay (\$839,050) for CFWI resulting from some of the funds allocated to that project being used in the current year. The decrease in Operating Capital Outlay (\$317,700) is due to purchase of Herbert Hoover Dike SCADA equipment and Operations and Maintenance equipment in the current year, which are not in the Preliminary Budget.

Major Budget Items for this program include the following:

- Projects in Appendix C under this program can be found in Appendix C of this budget as well as in each activity or sub-activity of this program.
- Salaries and Benefits (\$25.5 million) (244 FTEs).
- Other Personnel Services (\$108,614) (1 OPS).
- Contracted Services:
 - Regional Modeling Efforts (\$848,841).
 - Hydrology and Hydraulics Flow Rating Program (\$543,939).
 - CERP Monitoring and Assessment Plan, including C-111 Spreader – Downstream Impacts (\$150,000) and RECOVER Submerged Aquatic Vegetation Monitoring (\$68,250).
- Operating Expense:
 - Self-Insurance Programs (\$10.6 million).
 - Everglades Program Support (\$1,998,163), which includes Property appraiser and tax collector fees (\$1.2 million).
 - Regional Monitoring and Assessment Activities, including Regional Monitoring and Analytical Services for Lab Analysis and Compliance for Organics, Sediment, and Water (\$246,119), and Water Quality Monitoring Field Operations (\$385,073).
- Interagency Expenditures:
 - Big Cypress Basin projects, including Collier County Settlement Agreement (\$1.0 million) and Lake Trafford Watershed Monitoring (\$250,000).

IV. PROGRAM ALLOCATIONS

- IRL National Estuary Program (\$500,000).
- On-going C&SF Project Monitoring and Assessment, which includes USGS Ground Water and Surface Water Core Network Monitoring (\$890,954).
- C-111 Spreader Canal monitoring and bird surveys (\$277,443).
- Regional Monitoring and Assessment Activities, including Everglades National Park Surface Water Monitoring & Marine Network support (\$263,526).
- Loxahatchee Impoundment Landscape Assessment (LILA) (\$240,000).
- CERP Monitoring and Assessment Plan, including West Coast Oyster Monitoring (\$200,360), Florida Bay Fish Habitat Assessment (\$160,192), East Coast Oyster Monitoring (\$136,000) and Tree Islands Surface/Groundwater Interactions (\$87,350).

IV. PROGRAM ALLOCATIONS

South Florida Water Management District
REDUCTIONS - NEW ISSUES
1.0 Water Resources Planning and Monitoring
Fiscal Year 2019-20
Preliminary Budget - January 15, 2019

FY 2018-19 Budget (Adopted)				244	\$	53,144,571	
Reductions							
Issue	Description	Issue Amount	Workforce	Category	Subtotal	Issue Narrative	
Salaries and Benefits				-	(73,245)	Salaries and Benefits have an overall programmatic decrease of \$54,264 primarily resulting from the recategorization of FTEs to various programs. Fringe Benefits increased due to an estimated FRS Retirement Contribution.	
1	Decrease in Total Salaries and Wages	(73,245)					
Other Personal Services				-	-		
Contracted Services					(467,852)	Contracted Services has an overall programmatic increase of \$61,937 primarily due to increases for Regional Modeling Coordination (125,000), Groundwater Monitoring (\$103,000), and Flood Protection Level of Service (\$150,000) netted against decreases for Central Florida Water Initiatives (\$161,852) and H&H Model tools (\$150,000).	
2	Decrease in LILA Lox Impound Landscape Assess P0686	(6,000)					
3	Decrease in CFWI Regional Water Supply Plan Update	(161,852)					
4	Decrease in FY19 H&H Model Tools, Mntc, Dev't	(300,000)					
Operating Expenses					(54,235)	Operating Expenses has an overall programmatic increase of \$126,895 primarily due to funding for increased operations and maintenance costs for equipment supporting Everglades (\$71,504), as well as increase in laboratory parts (\$35,475) and travel costs for the Central Florida Water Initiative (\$20,000).	
5	Decrease in LILA Lox Impound Landscape Assess P0686	(48,800)					
6	Decrease in Cont Serv - Maintenance and Repairs	(3,000)					
7	Decrease in Oper Expense - Inventory Other Fuels	(1,235)					
8	Decrease in Oper Expense - Postage	(200)					
9	Decrease in AS FY19 Lake Okeke Ecological Assessment	(1,000)					
Operating Capital Outlay					(385,000)	Operating Capital Outlay has an overall programmatic decrease of \$317,700. This amount includes Herbert Hoover Dike SCADA Equipment (\$300,000) and O&M Heavy Equipment (85,000) that were planned purchases in current year. These reductions were netted against a vehicle (\$40,000) and increase in water measurement equipment (\$27,300).	
10	Decrease in Capital Outlay - Equipment	(385,000)					
Fixed Capital Outlay					(839,050)	Fixed Capital Outlay has an overall programmatic decrease due to reduced funding allocation for the CFWI Regional Water Supply Plan projects.	
11	Decrease in CFWI Regional Water Supply Plan Update	(839,050)					
Interagency Expenditures (Cooperative Funding)					(1,792,077)	Interagency Expenditures has an overall programmatic decrease of \$1,518,380 primarily due to reduced funding allocation for Big Cypress Basin local partnership projects	
12	Decrease in LILA Lox Impound Landscape Assess P0686	(240,000)					
13	Decrease in Oper Expense - Interagency Local	(26,200)					
14	Decrease in BCB Local Partnership	(1,525,877)					
Debt					-		
Reserves					-		
TOTAL REDUCTIONS				-	(3,611,459)		

IV. PROGRAM ALLOCATIONS

South Florida Water Management District
REDUCTIONS - NEW ISSUES
1.0 Water Resources Planning and Monitoring
Fiscal Year 2019-20
Preliminary Budget - January 15, 2019

New Issues						
Issue	Description	Issue Amount	Workforce	Category Subtotal		
Salaries and Benefits					18,981	Salaries and Benefits have an overall programmatic decrease of \$54,264 primarily resulting from the recategorization of FTEs to various programs. Fringe Benefits increased due to an estimated FRS Retirement Contribution.
1	Increase in Total Fringe Benefits	18,981				
Other Personal Services					-	
Contracted Services					529,789	Contracted Services has an overall programmatic increase of \$61,937 primarily due to increases for Regional Modeling Coordination (125,000), Groundwater Monitoring (\$103,000), and Flood Protection Level of Service (\$150,000) netted against decreases for Central Florida Water Initiatives (\$161,852) and H&H Model tools (\$150,000).
2	Increase in Cont Serv - External Provider	130,039				
3	Increase in Cont Serv - Photographic Services	8,750				
4	Increase in LOS Flood Protection Lvl of Svc PARNT	150,000				
5	Increase in FY19 Flow Rate Analysis, Flow Program	85,000				
6	Increase in LILA 100803	6,000				
7	Increase in FY19 H&H Model Tools, Maintenance,	150,000				
Operating Expenses					181,130	Operating Expenses has an overall programmatic increase of \$126,895 primarily due to funding for increased operations and maintenance costs for equipment supporting Everglades (\$71,504), as well as increase in laboratory parts (\$35,475) and travel costs for the Central Florida Water Initiative (\$20,000).
8	Increase in Operating Expenses	1,250				
9	Increase in Oper Expense - District Travel	2,000				
10	Increase in Oper Expense - Parts and Supplies	71,504				
11	Increase in Oper Expense - Parts, Supp - Laboratory	35,475				
12	Increase in Oper Expense - Space Rental	2,101				
13	Increase in CFWI Regional Water Supply Plan Update	20,000				
14	Increase in LILA 100803	48,800				
Operating Capital Outlay					67,300	Operating Capital Outlay has an overall programmatic decrease of \$317,700. This amount includes Herbert Hoover Dike SCADA Equipment (\$300,000) and O&M Heavy Equipment (85,000) that were planned purchases in current year. These reductions were netted against a vehicle (\$40,000) and increase in water measurement equipment (\$27,300).
15	Increase in Capital Outlay - Equipment Water	27,300				
16	Increase in Capital Outlay - Vehicles	40,000				
Fixed Capital Outlay					-	
Interagency Expenditures (Cooperative Funding)					273,697	Interagency Expenditures has an overall programmatic decrease of \$1,518,380 primarily due to reduced funding allocation for Big Cypress Basin local partnership projects.
17	Increase in Oper Expense - Interagency Federal Matching	5,511				
18	Increase in Oper Expense - Interagency Public Univ	9,186				
19	Increase in Oper Expense - Interagency State of FL	19,000				
20	Increase in LILA 100803	240,000				
Debt					-	
Reserves					-	
TOTAL NEW ISSUES			0	1,070,897		
1.0 Water Resources Planning and Monitoring						
Total Workforce and Preliminary Budget for FY 2019-20			244	\$ 50,604,009		

IV. PROGRAM ALLOCATIONS

1.1 District Water Management Planning - Local and regional water management and water supply planning, minimum flows and levels, and other long-term water resource planning efforts. The District Water Management Plans developed pursuant to section 373.036, F.S., are the District-wide planning documents which encompass other levels of water management planning.

District Description

Five planning areas, which together encompass the entire District, address the unique resources and needs of each region. Regional water supply plans have been prepared and approved by the Governing Board for these areas. The water supply plans forecast water demands over a 20-year planning horizon and identify recommended sources and projects to satisfy those demands. Implementation of recommendations is essential to ensuring that sufficient quantities of water will be available.

The plans identify a series of water source options for each of the areas of concern in the regions. The options are as prescribed by section 373.709, F.S., Regional Water Supply Planning, and include traditional and alternative water supply projects, including water conservation, to meet the future urban, agricultural and natural systems needs of each region. The District is implementing its updated regional water supply plans which are updated every five years to maintain a 20-year planning horizon. The Upper East Coast Plan was updated in Fiscal Year 2015-16. The Lower West Coast Plan was updated in Fiscal Year 2017-18. The Lower East Coast Plan update was approved in the first quarter of Fiscal Year 2018-19 and the Lower Kissimmee Basin Water Supply Plan is scheduled for completion in Fiscal Year 2018-19. The District's Upper Kissimmee Basin is included in the Central Florida Water Initiative (CFWI) planning area. The CFWI is a collaborative effort between three water management districts with other agencies and stakeholders to address current and long-term water supply needs in a five-county area of Central Florida where the three districts' boundaries meet. In November 2015, the Governing Boards of the three districts approved the 2015 CFWI Regional Water Supply Plan (RWSP), including the 2035 Water Resources Protection and Water Supply Strategies Plan. Development of the 2020 update for the CFWI RWSP began in Fiscal Year 2016-17 and is scheduled for completion in Fiscal Year 2020-21.

The purpose of the water supply plans is to identify programs and projects to ensure that adequate and sustainable water supplies are available to meet future water supply needs while protecting the environment and water resources. Water supply plans are required to identify specific water resource and water supply development projects to meet future demands. Local governments are required to adopt water supply facilities work plans and incorporate them into their comprehensive plans within 18 months of the respective regional water supply plan update being approved. The water supply facilities work plans are then reviewed for their consistency with the water supply plans. All proposed comprehensive plan amendments are reviewed to ensure that there is sufficient water for the proposed amendment as well as all the local government's other demands.

IV. PROGRAM ALLOCATIONS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

1.1 District Water Management Planning

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 6,612,321	\$ 6,127,769	\$ 6,248,753	\$ 6,960,878	\$ 7,000,371	\$ 39,493	0.6%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ 476,377	\$ 293,482	\$ 209,830	\$ 911,251	\$ 677,739	\$ (233,512)	-25.6%
Operating Expenses	\$ 324,553	\$ 291,514	\$ 462,045	\$ 11,291,117	\$ 11,313,767	\$ 22,650	0.2%
Operating Capital Outlay	\$ 16,625	\$ 87,833	\$ 67,581	\$ 3,500	\$ 3,500	\$ -	0.0%
Fixed Capital Outlay	\$ -	\$ -	\$ 884,412	\$ 1,668,163	\$ 829,113	\$ (839,050)	-50.3%
Interagency Expenditures (Cooperative Funding)	\$ 4,546,162	\$ 3,528,188	\$ 4,636,732	\$ 4,197,102	\$ 2,671,225	\$ (1,525,877)	-36.4%
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 11,976,038	\$ 10,328,786	\$ 12,509,353	\$ 25,032,011	\$ 22,495,715	\$ (2,536,296)	-10.1%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 19,847,951	\$ 2,647,764	\$ -	\$ -	\$ -	\$ -	\$ 22,495,715

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 7,000,371	\$ -	\$ 7,000,371
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 366,683	\$ 311,056	\$ 677,739
Operating Expenses	\$ 397,945	\$ 10,915,822	\$ 11,313,767
Operating Capital Outlay	\$ 3,500	\$ -	\$ 3,500
Fixed Capital Outlay	\$ -	\$ 829,113	\$ 829,113
Interagency Expenditures (Cooperative Funding)	\$ 2,077,749	\$ 593,476	\$ 2,671,225
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 9,846,248	\$ 12,649,467	\$ 22,495,715

Changes and Trends

This activity represents a continued level of service consistent with Fiscal Year 2018-19.

In the Fiscal Year 2018-19 Adopted budget this program illustrated an increase in Operating Expenses due to the way our actual insurance expenditures post through payroll an accounting practice which is continued in the Fiscal Year 2019-20 Preliminary budget. Postings are based on where staff charges versus where staff is budgeted, coupled with budgeting the Districts full insurance exposure. The five-year update to the Lower East Coast was completed in the first quarter of Fiscal Year 2018-19. The schedule for completion of the five-year updates are Lower Kissimmee Basin in Fiscal Year 2019-20; CFWI in Fiscal Year 2020-21; Upper East Coast in Fiscal Year 2020-21 and Lower West Coast in Fiscal Year 2022-23.

Budget Variances

This activity has a 10.1 percent (\$2.5 million) decrease in comparison to the Fiscal Year 2018-19 Adopted Budget of \$25 million. The decrease is primarily due to the 36.4 percent \$1.5 million decrease in Interagency Expenditures for Big Cypress Basin local partnership funding initiatives. In addition, there is reduced funding for the Central Florida Water Initiative (CFWI) project resulting in Contracted Services and Fixed Capital Outlay decrease of \$1.1 million in those two categories.

Major Budget Items for this activity include the following:

- Salaries and Benefits (\$7.0 million).

IV. PROGRAM ALLOCATIONS

- Operating Expense:
 - Self-Insurance Programs (comprised of health insurance, workers compensation, property insurance, general liability) (\$10.6 million).
- Interagency Expenditures:
 - Intergovernmental Local Agreement Projects in Big Cypress Basin (\$1 million).

IV. PROGRAM ALLOCATIONS

1.1.1. Water Supply Planning - Long-term planning to assess and quantify existing and reasonably anticipated water supply needs and sources, and to maximize the beneficial use of those sources, for humans and natural systems. This includes water supply assessments developed pursuant to section 373.036, Florida Statutes, and regional water supply plans developed pursuant to section 373.0361, Florida Statutes.

District Description

Long-term planning to assess and quantify existing and reasonably anticipated water supply needs and sources, and to maximize the beneficial use of those sources, for humans and natural systems. This includes water supply assessments developed pursuant to section 373.036, Florida Statutes, and regional water supply plans developed pursuant to section 373.0361, Florida Statutes. Five planning areas, which together encompass the entire District, address the unique resources and needs of each region. Regional water supply plans have been prepared and approved by the Governing Board for these areas. The water supply plans forecast water demands over a 20-year planning horizon and identify recommended sources and projects to satisfy those demands. Implementation of recommendations is essential to ensuring that sufficient quantities of water will be available.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SUBACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
PRELIMINARY BUDGET - Fiscal Year 2019-20
1.1.1 Water Supply Planning

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 3,434,417	\$ 3,020,483	\$ 3,261,282	\$ 3,510,213	\$ 3,534,798	\$ 24,585	0.7%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ 141,345	\$ 216,806	\$ 122,992	\$ 792,591	\$ 630,739	\$ (161,852)	-20.4%
Operating Expenses	\$ 116,254	\$ 48,423	\$ 150,367	\$ 10,716,561	\$ 10,736,561	\$ 20,000	0.2%
Operating Capital Outlay	\$ 3,590	\$ 53,306	\$ 36,115	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ 884,412	\$ 1,668,163	\$ 829,113	\$ (839,050)	-50.3%
Interagency Expenditures (Cooperative Funding)	\$ 441,892	\$ 423,392	\$ 428,290	\$ 337,658	\$ 337,658	\$ -	0.0%
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 4,137,498	\$ 3,762,410	\$ 4,883,458	\$ 17,025,186	\$ 16,068,869	\$ (956,317)	-5.6%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 14,898,700	\$ 1,170,169	\$ -	\$ -	\$ -	\$ -	\$ 16,068,869

OPERATING AND NON-OPERATING

	Fiscal Year 2019-20		TOTAL
	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	
Salaries and Benefits	\$ 3,534,798	\$ -	\$ 3,534,798
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 319,683	\$ 311,056	\$ 630,739
Operating Expenses	\$ 82,679	\$ 10,653,882	\$ 10,736,561
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ 829,113	\$ 829,113
Interagency Expenditures (Cooperative Funding)	\$ 337,658	\$ -	\$ 337,658
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 4,274,818	\$ 11,794,051	\$ 16,068,869

Changes and Trends

This activity represents a continued level of service consistent with Fiscal Year 2018-19. In the Fiscal Year 2018-19 Adopted budget this program illustrated an increase in Operating Expenses due to the way our actual insurance expenditures post through payroll an accounting practice which is continued in the Fiscal Year 2019-20 Preliminary budget. Postings are based on where staff charges versus where staff is budgeted, coupled with budgeting the Districts full insurance exposure. The continued implementation of the Central Florida Water Initiative (CFWI) Project has resulted in fluctuations to Fixed Capital Outlay and Contracted Services over the five-year period because some of the funds allocated to the

IV. PROGRAM ALLOCATIONS

project are being used in the current year and planned activities for the project will vary from year to year. Updates to the District's regional water supply plans have been initiated or planned. The five-year update to the Lower East Coast was completed in the first quarter of Fiscal Year 2018-19. The schedule for completion of the five-year updates are Lower Kissimmee Basin in Fiscal Year 2019-20; CFWI in Fiscal Year 2020-21; Upper East Coast in Fiscal Year 2020-21 and Lower West Coast in Fiscal Year 2022-23.

Budget Variances

This sub-activity has a 5.6 percent (\$956,317) decrease from the Fiscal Year 2018-19 Adopted Budget of \$17 million. There is reduced funding for the Central Florida Water Initiative (CFWI) project resulting in Contracted Services going down and the 50.3 percent reduction in Fixed Capital Outlay. Some of the funds dedicated to CFWI are expected to be used in the current year and the remaining \$1.2 million is included in the Fiscal Year 2019-20 Preliminary Budget.

Major Budget Items for this sub-activity include the following:

- Salaries and Benefits (\$3.5 million).

Appendix C includes projects that are funded with Salaries and Benefits (included in the salaries and benefits number above), Contracted Services, Operating Expenses, Fixed Capital Outlay and Interagency Expenditures.

Project Title	Salaries and Benefits	Contracted Services	Operating Expenses	Operating Capital Outlay	Fixed Capital Outlay	Interagency Expenditures	Grand Total
CFWI RWSP 2020 Update (FY16-20)	\$ 828,309	\$ 336,056	\$ 30,000	\$ -	\$ 829,113	\$ -	\$ 2,023,478
Five-Year Water Resources Development (WRD) Work Program (WP) Ground Water Monitoring	\$ 781,733	\$ 219,683	\$ 80,328	\$ -	\$ -	\$ 337,658	\$ 1,419,402
Groundwater Modeling	\$ 677,536	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 752,536
Water Supply Planning Development	\$ 1,155,847	\$ -	\$ 2,351	\$ -	\$ -	\$ -	\$ 1,158,198
Grand Total	\$ 3,443,425	\$ 630,739	\$ 112,679	\$ -	\$ 829,113	\$ 337,658	\$ 5,353,614

The following are the other Major Budget items not included in Appendix C:

- Operating Expense:
 - Self-Insurance Programs (comprised of health insurance, workers compensation, property insurance, general liability) (\$10.6 million).

CFWI items are primarily funded with Reserves (\$1.2 million).

IV. PROGRAM ALLOCATIONS

1.1.2 Minimum Flows and Levels - The establishment of minimum surface and ground water levels and surface water flow conditions required to protect water resources from significant harm, as determined by the District Governing Board.

District Description

The establishment of minimum flows and minimum water levels (MFLs) for lakes, rivers, wetlands, estuaries, and aquifer are required to protect water resources from significant harm, as determined by the District Governing Board. Minimum flows and minimum water levels identify the point at which further withdrawals will cause significant harm to the state's surface water and groundwater resources. MFL criteria are adopted by rule [section 373.042, Florida Statutes (F.S.)]. For waterbodies that do not currently meet the MFL criteria, each water management district must develop a recovery strategy, which outlines a plan to meet MFL criteria. A prevention strategy must be developed if it is expected that an MFL will not be met within the next 20-year planning horizon [subsection 373.0421(2), F.S.].

To date, nine MFLs have been adopted within District boundaries, which includes 40 different MFL compliance monitoring sites. In 2001, MFLs were adopted for the Caloosahatchee River, Lake Okeechobee, Everglades (Water Conservation Areas 1, 2 and 3, Everglades National Park, and the Rotenberger and Holey Land Wildlife Management Areas), Biscayne Aquifer, and Lower West Coast Aquifers (Tamiami, Sandstone, and Mid-Hawthorn). In 2002 an MFL was adopted for the St. Lucie River and Estuary, and in 2003 an MFL was adopted for the Northwest Fork of the Loxahatchee River. In 2006, MFLs were adopted for Lake Istokpoga and Florida Bay. The District has adopted several water reservation rules and restricted allocation area rules, as discussed below, to provide resource protection to multiple waterbodies since 2006. The District periodically re-evaluates adopted MFL criteria to ensure continued protection of natural systems. In 2014, the District conducted a re-evaluation of MFL criteria for Florida Bay. The results of the re-evaluation indicated that the existing MFL criteria and prevention strategy are sufficient to protect the existing resources within Florida Bay.

From 2011-2017, District scientists completed a comprehensive assessment of the science and research for the Caloosahatchee River Estuary (CRE) to re-evaluate the MFL. District scientist used a resource-based approach, which involved using multiple ecological indicators in the CRE to evaluate their responses to low flow conditions during the dry season. An MFL technical support document was also developed in 2017. This MFL technical document received a scientific peer review by an independent panel of experts. Overall, the peer review was very positive and did not contain any major deficiencies. In 2018, District staff began the rule development process and held two separate public rule development workshops. In July of 2018, the Governing Board authorized the Notice of Proposed Rule to revise the MFL criteria. The rule development process is expected to be completed by the end of 2019.

Water Reservations and Restricted Allocation Areas: In addition to MFLs, the District has established water reservations and restricted allocation areas by rule to protect water for the natural system. Water reservations reserve water for the protection of fish and wildlife or public health and safety [subsection 373.223(4), F.S.]. Water reservations can be used to aid in a recovery or prevention strategy for an established MFL waterbody.

To date, the District has adopted five water reservations. The first two of these were adopted in 2009 for Picayune Strand and Fakahatchee Estuary. In 2010 a water reservation was adopted for the North Fork of the St Lucie River. In 2013 and 2014, two water reservations were adopted in support of Comprehensive Everglades Restoration Plan (CERP) projects.

IV. PROGRAM ALLOCATIONS

These include a water reservation for Nearshore Central Biscayne Bay, which was adopted in 2013, in support of the CERP Biscayne Bay Coastal Wetlands (Phase 1) Project, and the Caloosahatchee River (C-43) West Basin Storage Reservoir water reservation, adopted in 2014, to help promote a more balanced and healthy salinity regime for the Caloosahatchee River. In 2015 the District continued rulemaking for establishment of water reservations for the Kissimmee River and floodplain and Kissimmee Chain of Lakes (Upper Chain of Lakes and Headwater Revitalization Lakes). Two public workshops were held to update stakeholders on the Kissimmee rulemaking process. The draft rule and its supporting technical document have been released for public review and comment. After the last public workshop, the District received multiple public comments from various stakeholder groups, which are in the process of being incorporated into revised technical criteria. In 2016, the District developed a modeling tool to assist with addressing the fish and wildlife issues and other technical concerns received during the public comment period. Staff continues to perform technical evaluations to address these comments. In 2018-2019 additional public workshops are planned to address the technical issues and revise the draft rules where necessary.

Like water reservations, restricted allocation areas (RAAs) are another water resource protection tool that is implemented for geographic areas where water allocations from specific water resources are limited. Additional allocations beyond the established limitation are restricted or prohibited because there is a lack of water available to meet the projected needs, to protect water for natural systems and future restoration projects, or as part of a MFL prevention or recovery strategy. RAAs water sources beyond the specified limitations are not relied upon to be available to meet the projected needs of a region. Restricted allocation areas are established to restrict the allocation of water for future consumptive uses in specific areas of the District. Restricted allocation area criteria are based on subsection 373.223(1), F.S., which specifies a three-prong test used for issuing consumptive use permits. Restricted allocation areas adopted since 1981 for specific areas of the District are listed in Section 3.2.1 of the *Applicant's Handbook for Water Use Permit Applications*, which is incorporated by reference into Chapter 40E-2, Florida Administrative Code. These areas include the Lake Istokpoga/Indian Prairie Canal System; L-1, L-2 & L-3 Canal System; C-23, C-24 & C-25 Canal System; North Palm Beach/Loxahatchee River Watershed Waterbodies and Lower East Coast Everglades Waterbodies; Lake Okeechobee and Lake Okeechobee Service Area (LOSA); and Floridan Wells in Martin and St. Lucie Counties. Restricted allocation areas have also been used as part of a recovery or prevention strategy for an established MFL waterbody.

IV. PROGRAM ALLOCATIONS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT SUBACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

1.1.2 Minimum Flows and Levels

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 388,184	\$ 432,046	\$ 342,858	\$ 303,691	\$ 305,545	\$ 1,854	0.6%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Contracted Services	\$ 91,381	\$ 20,000	\$ 69,689	\$ -	\$ -	\$ -	
Operating Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL	\$ 479,565	\$ 452,046	\$ 412,547	\$ 303,691	\$ 305,545	\$ 1,854	0.6%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 305,545	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 305,545

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 305,545	\$ -	\$ 305,545
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ -	\$ -	\$ -
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 305,545	\$ -	\$ 305,545

Changes and Trends

Within the last five years, funding in this sub-activity has decreased due to a reduction in needed FTEs. In addition, contractual needs associated with Peer Reviews and Statements of Estimated Regulatory Costs (SERC) evaluations have decreased. In Fiscal Year 2019-20 there was a slight increase in Salaries and Benefits, but the level of service remains consistent with Fiscal Year 2018-19.

Budget Variances

This sub-activity has a 0.6 percent (\$1,854) increase from the Fiscal Year 2018-19 Adopted Budget due to increased FRS employer contributions.

Major Budget Items for this sub-activity include the following:

- Salaries and Benefits (\$305,545).

Appendix C includes projects that are funded with Salaries and Benefits (included in the salaries and benefits number above).

Project Title	Salaries and Benefits	Contracted Services	Operating Expenses	Operating Capital Outlay	Fixed Capital Outlay	Interagency Expenditures	Grand Total
MFL, Water Reservation Activities and Restricted Allocation Areas	\$ 305,545	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 305,545
Grand Total	\$ 305,545	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 305,545

IV. PROGRAM ALLOCATIONS

1.1.3 Other Water Resource Planning - District water management planning efforts not otherwise categorized above, such as comprehensive planning, watershed assessments and plans, SWIM planning, and feasibility studies.

District Description

District water management planning efforts not otherwise categorized above, such as comprehensive planning, watershed assessments and plans, SWIM planning, and feasibility studies. Other water resource planning includes a variety of efforts in the planning phase such as activities under the Northern Everglades Watershed Protection Plans, the South Miami-Dade Water Management Plan, the South Lee County Watershed Plan, and the Estero Bay Watershed management strategies. Planning efforts also include implementation of state appropriation supported flood mitigation, stormwater improvement, restoration, and water quality projects.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT SUBACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

1.1.3 Other Water Resource Planning

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 2,789,720	\$ 2,675,240	\$ 2,644,613	\$ 3,146,974	\$ 3,160,028	\$ 13,054	0.4%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ 243,651	\$ 56,676	\$ 17,149	\$ 118,660	\$ 47,000	\$ (71,660)	-60.4%
Operating Expenses	\$ 208,299	\$ 243,091	\$ 311,678	\$ 574,556	\$ 577,206	\$ 2,650	0.5%
Operating Capital Outlay	\$ 13,035	\$ 34,527	\$ 31,466	\$ 3,500	\$ 3,500	\$ -	0.0%
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ 4,104,270	\$ 3,104,796	\$ 4,208,442	\$ 3,859,444	\$ 2,333,567	\$ (1,525,877)	-39.5%
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 7,358,975	\$ 6,114,330	\$ 7,213,348	\$ 7,703,134	\$ 6,121,301	\$ (1,581,833)	-20.5%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	Slate Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 4,643,706	\$ 1,477,595	\$ -	\$ -	\$ -	\$ -	\$ 6,121,301

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)		Non-operating (Non-recurring - all revenues)		TOTAL
Salaries and Benefits	\$	3,160,028	\$	-	\$ 3,160,028
Other Personal Services	\$	-	\$	-	-
Contracted Services	\$	47,000	\$	-	\$ 47,000
Operating Expenses	\$	315,266	\$	261,940	\$ 577,206
Operating Capital Outlay	\$	3,500	\$	-	\$ 3,500
Fixed Capital Outlay	\$	-	\$	-	-
Interagency Expenditures (Cooperative Funding)	\$	1,740,091	\$	593,476	\$ 2,333,567
Debt	\$	-	\$	-	-
Reserves - Emergency Response	\$	-	\$	-	-
TOTAL	\$	5,265,885	\$	855,416	\$ 6,121,301

Changes and Trends

Continuing efforts include implementing and updating the plans described above as required, monitoring inflow and nutrient loading to Lake Okeechobee and the Northern Estuaries and evaluating progress towards meeting the new phosphorus criterion for the Everglades, as well as levels and limits set by the Everglades Settlement Agreement. The BOMA Cost to Cure Project has caused the Operating Expenses category to trend upwards in the last couple of years. Based on the direction from the Big Cypress Basin Board, the Interagency Expenditures were reduced in Fiscal Year 2019-20 Preliminary budget, and future discussions on funding allocations for the cooperative funding initiatives will be included during the current fiscal year budget development process.

IV. PROGRAM ALLOCATIONS

Budget Variances

This sub-activity has a 20.5 percent (\$1.6 million) decrease from the Fiscal Year 2018-19 Adopted Budget due to a \$1.5 million reduction in Interagency Expenditures for Big Cypress Basin local partnerships and Contracted Services in the amount of \$71,660 for flow monitoring. The \$1.6 million is netted against an increase of \$15,704 associated with an increase in Salaries and Benefits (\$13,054) and Operating Expenses (\$2,650) for conferences and travel.

Major Budget Items for this sub-activity include the following:

- Salaries and Benefits (\$3.2 million).
- Contracted Services:
 - Florida Bay and Coastal Wetlands Project, including Florida Bay Monitoring and Support (\$3,000).
- Operating Expenses:
 - Big Cypress Basin projects, including Surface Water Quality and Groundwater Monitoring (\$135,000).
 - Florida Bay and Coastal Wetlands Project, including Sediment Dynamics (\$60,000), and Florida Bay Monitoring and Support (\$52,713).
 - Estuary Protection Plan includes BOMA Cost to Cure Project (\$261,940).
- Interagency Expenditures:
 - Big Cypress Basin projects, including Collier County Settlement Agreement (\$1.0 million) and Lake Trafford Watershed Monitoring (\$250,000).
 - Florida Bay and Coastal Wetlands Project, including South Florida Estuarine Submerged Aquatic Vegetation (SAV) (\$155,500), Lakes Trophic Dynamics (\$100,000), Lake Ecosystems Hydrology in Florida Bay and Coastal Wetlands (\$90,000), Sediment Dynamics (\$8,000), and Florida Bay Monitoring and Support (\$20,000).
 - IRL National Estuary Program (\$500,000).
 - United States Geological Survey (USGS) Surface Water Data Collection (\$116,591).
 - IRL License Tag Projects in Martin, St. Lucie, and Palm Beach counties (\$93,476).

Items funded with Reserves without restrictions are a portion of Indian River Lagoon Estuary Program (\$500,000) and a portion (\$31,639) of BOMA cost to cure.

Items funded with Reserves with restrictions include a portion (\$329,533) of the Florida Bay and Coastal Wetlands Project, a portion (\$230,301) of BOMA cost to cure, and the IRL Tag Program (\$93,476).

IV. PROGRAM ALLOCATIONS

1.2 Research, Data Collection, Analysis and Monitoring - Activities that support District water management planning, restoration, and preservation efforts, including water quality monitoring, data collection and evaluation, and research.

District Description

Activities that support District water management planning, restoration, and preservation efforts, including water quality monitoring, data collection and evaluation, and research. This agency work includes research, modeling, environmental monitoring, and assessment activities that support various regulatory-driven mandates / agreements and complies with federal and state-issued permits such as Everglades Settlement Agreement / Consent Decree, Clean Water Act, Comprehensive Everglades Restoration Plan (CERP), Everglades Forever Act (EFA), Restoration Strategies, Environmental Resource Permitting, and the Northern Everglades and Estuaries Protection Program (NEEPP).

Program-related activities include comprehensive monitoring and laboratory analysis; quality assurance / quality control; data management; hydrologic modeling; water quality and ecological modeling; remote sensing; operational monitoring for the Central and Southern Florida Project and Everglades Stormwater Treatment Areas (STAs); Geographic Information Systems development; applied research (field and laboratory); Best Management Practices (BMP) technologies; pollutant load reduction goals development; and technical reporting and publication.

In 2012, the State of Florida and the U.S. Environmental Protection Agency reached consensus on new Restoration Strategies for further improving water quality in the Everglades. These strategies build upon the existing projects, further improve the quality of stormwater entering the Everglades and are anticipated to achieve compliance with the total phosphorus (TP) water quality standard established for the Everglades (www.sfwmd.gov/restorationstrategies). In September 2012, FDEP issued SFWMD Consent Orders associated with Everglades STA permits, which outline a suite of projects with deadlines for completion. The identified projects primarily consist of reservoirs referred to as flow equalization basins (FEBs), STA expansions, and associated infrastructure and conveyance improvements. These projects, several of which are completed and operational, are being designed and constructed through at a total cost of approximately \$880 million. Pursuant to the FDEP Consent Orders, the District is also implementing a Science Plan for the Everglades STAs to investigate the critical factors that collectively influence phosphorus removal and better understand the ability to meet the phosphorus removal goals and the sustainability of STA performance at low phosphorus concentrations.

The NEEPP mandates the coordination agencies South Florida Water Management District, FDEP, and Florida Department of Agriculture & Consumer Services (FDACS) to develop and implement Watershed Protection Plans for Lake Okeechobee and the Caloosahatchee and St. Lucie River watersheds. The Lake Okeechobee Watershed Protection Plan was initially developed in 2004 and has been subsequently updated in 2007, 2011, and 2014. The Phase II Technical Plan for the Lake Okeechobee Watershed Construction Project was completed in 2008. The Caloosahatchee and St. Lucie River Watershed Protection Plans were developed in 2009 and updated in 2012 and 2015. The plans include nutrient source controls (e.g., BMPs) and several sub-regional and regional technologies, such as STAs and alternative treatment technologies, to improve the quality of water within the watersheds and of the water delivered downstream to Lake Okeechobee and the Northern Estuaries. Several measures are also included in the plans to improve water levels within Lake Okeechobee, and the quantity and

IV. PROGRAM ALLOCATIONS

timing of discharges from the lake and its downstream estuaries to achieve more desirable salinity ranges. These measures include reservoirs, dispersed water management projects, aquifer storage and recovery, and deep well injection. In addition, the plans include respective Research and Water Quality Monitoring Programs for the lake and estuaries, which include water quality and ecological monitoring and assessment, and related research studies.

C&SF monitoring and assessment is the performance of field measurements, data collection, and instrument maintenance used to monitor flow conditions in support of flood control operations and analysis. This is performed at all C&SF sites and structures.

Pursuant to Chapter 2005-36, Laws of Florida, and subsection 373.036 (7), F.S., the District in cooperation with the FDEP, publishes and submits the *South Florida Environmental Report* (SFER) to the Florida legislature, governor, and other key stakeholders on March 1 each year (www.sfwmd.gov/science-data/sfer). This unified reporting supports the restoration, management, and protection activities associated with the Kissimmee Basin, Northern Everglades (Lake Okeechobee, St. Lucie Estuary and Caloosahatchee Rivers and Estuaries), and the Southern Everglades. Other agency reporting requirements, including annual plans and reports required of all Florida water management districts as well as those mandated in the federal and state-issued permits, are also incorporated to enhance reporting efficiencies.

Continuing efforts include monitoring to determine progress toward meeting Lake Okeechobee phosphorus loading targets, the phosphorus criterion for the Everglades, as well as levels and limits set by the Everglades Settlement Agreement. Other monitoring activities include Lake Okeechobee ecological monitoring; assessment of downstream effects of the STAs; assessment of the hydrologic needs of the Everglades (as mandated by the Everglades Forever Act); system-wide conditions monitoring under Restoration Coordination & Verification (RECOVER); and monitoring support for CERP projects.

The Everglades STAs continue to show excellent annual performance. During Water Year 2017 (May 1, 2016 to April 30, 2017), the combined STAs treated approximately 1.1 million acre-feet of water, reducing flow-weighted mean phosphorus concentration to 15 parts per billion. During this water year, the STAs removed 108 metric tons of TP, which is 84 percent of the phosphorus load. To date, the STAs combined have removed approximately 2,329 metric tons of phosphorus that otherwise would have gone to the Everglades Protection Area.

IV. PROGRAM ALLOCATIONS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

1.2 Research, Data Collection, Analysis and Monitoring

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 15,340,103	\$ 15,042,722	\$ 14,544,208	\$ 16,454,111	\$ 16,349,199	\$ (104,912)	-0.6%
Other Personal Services	\$ 112,026	\$ 105,203	\$ 99,022	\$ 108,614	\$ 108,614	\$ -	0.0%
Contracted Services	\$ 934,774	\$ 1,374,426	\$ 1,222,663	\$ 2,243,377	\$ 2,538,826	\$ 295,449	13.2%
Operating Expenses	\$ 2,084,596	\$ 2,019,886	\$ 2,556,146	\$ 3,003,526	\$ 3,107,771	\$ 104,245	3.5%
Operating Capital Outlay	\$ 117,278	\$ 127,935	\$ 177,266	\$ 495,800	\$ 178,100	\$ (317,700)	-64.1%
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ 2,470,395	\$ 2,012,611	\$ 2,378,766	\$ 2,568,380	\$ 2,575,877	\$ 7,497	0.3%
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 21,059,172	\$ 20,682,783	\$ 20,978,071	\$ 24,873,808	\$ 24,858,387	\$ (15,421)	-0.1%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 22,417,848	\$ 1,040,518	\$ -	\$ 300,000	\$ 200,000	\$ 900,021	\$ 24,858,387

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 16,349,199	\$ -	\$ 16,349,199
Other Personal Services	\$ 108,614	\$ -	\$ 108,614
Contracted Services	\$ 1,721,996	\$ 816,830	\$ 2,538,826
Operating Expenses	\$ 2,624,243	\$ 483,528	\$ 3,107,771
Operating Capital Outlay	\$ 178,100	\$ -	\$ 178,100
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ 2,548,877	\$ 27,000	\$ 2,575,877
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 23,531,029	\$ 1,327,358	\$ 24,858,387

Changes and Trends

Overall funding for the last few years has moderately fluctuated in this activity. Fiscal Year 2018-19 Adopted Budget and Fiscal Year 2019-20 Preliminary Budget increased in support of this activity. The apparent increases in Salaries and Benefits and Interagency Expenditures are solely due to differences in actual-audited expenditures and planned budgets.

Budget Variances

This activity has an 0.1 percent (\$15,421) decrease from the Fiscal Year 2018-19 Adopted Budget due to a \$104,912 reduction in Salaries and Benefits primarily for employers FICA Taxes and Other Personnel Benefits and \$317,700 in Operating Capital Outlay for Herbert Hoover Dike Scada Equipment and Field Operations Heavy Equipment. The \$15,421 decrease is netted against an increase of \$407,191 associated with Contracted Services (\$295,449) for Flow Rate Analysis/Flow Program Maintenance, H&H Model Tools/Maintenance/ Development, Flood Protection Level of Service and Photographic Services, Operating Expenses (\$104,245) for Lox Impound Landscape Assess (LILA 100803) Aquatic Spraying, Maintenance and Repairs, Electrical Service, Fuels and Tools/Equipment, and Interagency Expenditures (\$7,497) for USGS activities and Public University monitoring.

Major Budget Items for this activity include the following:

- Salaries and Benefits (\$16.3 million).
- Other Personal Services:
 - On-going C&SF Project Monitoring and Assessment, which includes Hydrologic Data Processing (\$96,064).

IV. PROGRAM ALLOCATIONS

- Lake Okeechobee Watershed Protection Plan support (\$12,550).
- Contracted Services:
 - Regional Monitoring and Assessment Activities, including Regional Monitoring and Analytical Services for Lab Analysis and Compliance for Organics, Sediment, and Water (\$67,000), and Water Quality Monitoring Field Operations. (\$88,382).
 - On-going C&SF Project Monitoring and Assessment, which includes NEXRAD Data Acquisition (\$114,567).
 - Regional Modeling Efforts (\$848,841).
 - CERP Monitoring and Assessment Plan, including C-111 Spreader – Downstream Impacts (\$150,000) and RECOVER Submerged Aquatic Vegetation Monitoring (\$68,250).
 - Everglades Research and Evaluation, including Active Marsh Improvement and Marsh Ecology Support (\$314,000) and Southern Everglades Landscape Analysis (\$56,000).
 - Lake Okeechobee Watershed Protection Plan support (\$45,690).
 - C-111 Spreader Canal monitoring and bird surveys (\$69,882).
 - Hydrology and Hydraulics Flow Rating Program (\$543,939).
 - St. Lucie River and Estuary Indian River Lagoon (\$94,000).
- Operating Expenses:
 - Regional Monitoring and Assessment Activities, including Regional Monitoring and Analytical Services for Lab Analysis and Compliance for Organics, Sediment, and Water (\$246,119), and Water Quality Monitoring Field Operations (385,073).
 - Everglades Program Support (\$1,998,163), which includes Property appraiser and tax collector fees (\$1.2 million). Expenses for the Everglades Forever Act property appraiser and tax collector fees are captured here to properly tie the cost of collecting the tax to the associated fund and activities.
 - Everglades Research and Evaluation, including Active Marsh Improvement and Marsh Ecology Support (\$31,829) and Southern Everglades Landscape Analysis (\$9,000).
 - Lake Okeechobee Watershed Protection Plan support (\$25,077).
 - C-111 Spreader Canal monitoring and bird surveys (\$56,352).
 - Loxahatchee Impoundment Landscape Assessment (LILA) (\$54,800).
 - St. Lucie River and Estuary Indian River Lagoon (\$39,500).

IV. PROGRAM ALLOCATIONS

- Operating Capital Outlay:
 - Regional Monitoring and Assessment Activities, including Regional Monitoring and Analytical Services for Lab Analysis and Compliance for Organics, Sediment, and Water (\$40,500), and Water Quality Monitoring Field Operations (\$56,000).
 - Lake Okeechobee Watershed Protection Plan support (\$74,000).
- Interagency Expenditures:
 - Regional Monitoring and Assessment Activities, including Everglades National Park Surface Water Monitoring & Marine Network support (\$263,526).
 - Regional Monitoring and Assessment Activities, including Regional Monitoring and Analytical Services for Lab Analysis and Compliance for Organics, Sediment, and Water (\$165,500), and Water Quality Monitoring Field Operations (\$15,000).
 - On-going C&SF Project Monitoring and Assessment, which includes USGS Ground Water and Surface Water Core Network Monitoring (\$890,954).
 - CERP Monitoring and Assessment Plan, including West Coast Oyster Monitoring (\$200,360), Florida Bay Fish Habitat Assessment (\$160,192), East Coast Oyster Monitoring (\$136,000) and Tree Islands Surface/Groundwater Interactions (\$87,350).
 - C-111 Spreader Canal monitoring and bird surveys (\$277,443).
 - Loxahatchee Impoundment Landscape Assessment (LILA) (\$240,000).

Items funded with Reserves without restrictions include an Operations Emergency Model Forecast tool (\$150,000), a portion (\$472,728) of the Property Appraiser and Tax Collector Fees, a vehicle for Lakeside Ranch (\$40,000) and also field equipment for Lakeside Ranch (\$34,000), a portion (\$10,000) of the St. Lucie River and Estuary Indian River Lagoon for NEEPP SLRW, a portion (\$10,000) of the Regulatory Source Control Program for NEEPP LOK.

Items funded with Reserves with restrictions include Water Conservation Area Active Marsh Improvement project (\$250,000), a portion (\$27,000) for LILA Micro Biology.

IV. PROGRAM ALLOCATIONS

1.3 Technical Assistance - Activities that provide local, state, tribal, and federal planning support, including local government comprehensive plan reviews, DRI siting, and Coastal Zone Management efforts.

District Description

Activities that provide local, state, tribal, and federal planning support, including local government comprehensive plan reviews, DRI siting, and Coastal Zone Management efforts. The District provides technical assistance to local governments on their local comprehensive plans, ten-year water supply facilities work plans, and related documents. This technical assistance is provided through several means:

- Provide technical support to local government planners and officials when comprehensive plans are evaluated and updated.
- Review and comment on significant water resource issues for proposed amendments to local government comprehensive plans.
- Provide expertise on District programs for local government community planning efforts, as well as coordination with the Regional Planning Councils, Florida Department of Economic Opportunity (FDEO), Florida Department of Transportation (FDOT) and FDEP.
- Provide comments on projects reviewed through the State Clearinghouse and developments of regional impact.
- Work with local governments to ensure consistency between local government ten-year water supply facilities work plans and the District's regional water supply plans.
- Conduct technical assistance workshops with local governments throughout the District as needed and provided assistance to local governments regarding ten-year water supply facility work plans.
- Consistent with the Community Planning Act adopted during the 2011 session of the Florida Legislature and the Community Development Act adopted during the 2015 session of the Florida Legislature, emphasis is being placed on providing technical assistance to local governments. Reviews of proposed amendments to local government comprehensive plans focus on addressing impacts to significant state water resources.
- Working proactively on the "front end" of the planning and evaluation processes, collaboratively addressing water resource issues, and building successful alliances continues to be important. Since the adoption of the Community Planning Act the number of requests for technical assistance has increased. In addition, local governments are in the process of evaluating and updating their comprehensive plans. This includes evaluations of existing adopted Water Supply Work Plans and identifying needed comprehensive plan amendments.

IV. PROGRAM ALLOCATIONS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

1.3 Technical Assistance

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 215,424	\$ 198,548	\$ 201,466	\$ 210,833	\$ 211,601	\$ 768	0.4%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Operating Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL	\$ 215,424	\$ 198,548	\$ 201,466	\$ 210,833	\$ 211,601	\$ 768	0.4%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 211,601	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 211,601

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 211,601	\$ -	\$ 211,601
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ -	\$ -	\$ -
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 211,601	\$ -	\$ 211,601

Changes and Trends

Over the last five years, funding in this sub-activity remained relatively stable. This activity represents a continued level of service consistent with Fiscal Year 2018-19.

Budget Variances

This activity has a 0.4 percent (\$768) increase from the Fiscal Year 2018-19 Adopted Budget of \$210,833 due to the re-allocation of resources in support of Technical Assistance.

Major Budget Items for this activity include the following:

- Salaries and Benefits (\$211,601).

Appendix C includes projects that are funded with Salaries and Benefits (included in the salaries and benefits number above).

Project Title	Salaries and Benefits	Contracted Services	Operating Expenses	Operating Capital Outlay	Fixed Capital Outlay	Interagency Expenditures	Grand Total
Comprehensive Plan and Documents Review/Technical Assistance to Local Governments	\$ 211,601	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 211,601
Grand Total	\$ 211,601	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 211,601

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

1.4 Other Water Resources Planning and Monitoring Activities - Water resources planning, and monitoring activities not otherwise categorized above.

District Description

Water resources planning, and monitoring activities not otherwise categorized above.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

1.4 Other Water Resource Planning and Monitoring Activities

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ -	\$ -	\$ -
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ -	\$ -	\$ -
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ -	\$ -	\$ -

Changes and Trends

There is no funding for this activity.

Budget Variances

There is no funding for this activity.

Major Budget Items for this sub-activity include the following:

- None.

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

1.5 Technology and Information Services - This activity includes computer hardware and software, data lines, computer support and maintenance, IT consulting services, data centers, network operations, web support and updates, desktop support, and application development associated with this Program and related activities.

District Description

This activity includes computer hardware and software, data lines, computer support and maintenance, IT consulting services, data centers, network operations, web support and updates, desktop support, and application development that support the Water Resources Planning and Monitoring program and related activities.

Information technology items (salaries, contractors, hardware / software maintenance, and other operating costs) are directly charged to operational activities of District core functions where there is a clear linkage between the operational activity and the information technology system, application or staff that is used to support the operational activities.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

1.5 Technology and Information Services

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 1,464,606	\$ 1,277,815	\$ 1,504,695	\$ 1,913,530	\$ 1,923,917	\$ 10,387	0.5%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ 201,643	\$ 138,419	\$ 118,330	\$ 136,805	\$ 136,805	\$ -	0.0%
Operating Expenses	\$ 972,237	\$ 899,480	\$ 797,983	\$ 977,584	\$ 977,584	\$ -	0.0%
Operating Capital Outlay	\$ 15,600	\$ 5,880	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 2,654,086	\$ 2,321,594	\$ 2,421,008	\$ 3,027,919	\$ 3,038,306	\$ 10,387	0.3%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 3,038,306	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,038,306

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 1,923,917	\$ -	\$ 1,923,917
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 136,805	\$ -	\$ 136,805
Operating Expenses	\$ 977,584	\$ -	\$ 977,584
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 3,038,306	\$ -	\$ 3,038,306

Changes and Trends

Over the past five years, Salaries and Benefits have fluctuated, but is higher in the Adopted and Preliminary Budget than it was five years ago because staff was centralized into IT for geospatial and SCADA operations in Fiscal Year 2017-18. This sub-activity represents a continued level of service over the past five years.

Budget Variances

This activity has a 0.3 percent (\$10,387) increase from the Fiscal Year 2018-19 Adopted Budget of \$3.0 million due to an increase of 0.5 percent (\$10,387) in Salaries and Benefits.

IV. PROGRAM ALLOCATIONS

Major Budget Items for this activity include the following:

- Salaries and Benefits (\$1.9 million).
- Contracted Services:
 - Computer consulting services (\$96,185), enterprise resource support and IT security.
 - Copier/printer leases (\$46,620).
- Operating Expenses:
 - Software maintenance (\$800,233).
 - Hardware maintenance (\$53,775).
 - Communication service (\$87,586).

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

2.0 Land Acquisition, Restoration and Public Works

This program includes the development and construction of all restoration capital projects, including water resource development projects / water supply development assistance, water control projects, and support and administrative facilities construction; cooperative projects; land acquisition; and the restoration of lands and water bodies.

District Description

The District oversees the development and construction of all restoration capital projects including surface water projects pertaining to Restoration Strategies, the CERP, and the NEEPP, as well as water supply development assistance through cooperative funding for Alternative Water Supply (AWS).

SOUTH FLORIDA WATER MANAGEMENT DISTRICT PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

2.0 Land Acquisition, Restoration and Public Works

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 13,346,602	\$ 13,962,018	\$ 14,741,314	\$ 16,013,652	\$ 16,033,178	\$ 19,526	0.1%
Other Personal Services	\$ 27,573	\$ 8,036	\$ 8,036	\$ -	\$ -	\$ -	-
Contracted Services	\$ 9,504,655	\$ 18,084,155	\$ 16,845,653	\$ 79,343,744	\$ 22,951,034	\$ (56,392,710)	-71.1%
Operating Expenses	\$ 5,698,496	\$ 4,578,069	\$ 2,194,160	\$ 4,656,405	\$ 4,230,380	\$ (426,025)	-9.1%
Operating Capital Outlay	\$ 16,769,979	\$ 11,032,561	\$ 13,557,710	\$ 12,132,800	\$ 135,187	\$ (11,997,613)	-98.9%
Fixed Capital Outlay	\$ 88,194,953	\$ 151,261,824	\$ 131,141,790	\$ 273,556,981	\$ 322,397,007	\$ 48,840,026	17.9%
Interagency Expenditures (Cooperative Funding)	\$ 1,718,699	\$ 3,074,618	\$ 4,206,743	\$ 926,221	\$ 818,260	\$ (107,961)	-11.7%
Debt	\$ 34,848,725	\$ 32,029,525	\$ 30,410,250	\$ 30,393,625	\$ 30,372,127	\$ (21,498)	-0.1%
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 170,109,682	\$ 234,030,806	\$ 213,105,656	\$ 417,023,428	\$ 396,937,173	\$ (20,086,255)	-4.8%

SOURCE OF FUNDS

Fiscal Year 2019-20

	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Salaries and Benefits	\$ 15,497,604	\$ 396,220	\$ -	\$ -	\$ -	\$ 139,354	\$ 16,033,178
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contracted Services	\$ 2,057,284	\$ 1,836,161	\$ -	\$ -	\$ 17,876,213	\$ 1,181,376	\$ 22,951,034
Operating Expenses	\$ 4,173,954	\$ 43,500	\$ -	\$ -	\$ 12,926	\$ -	\$ 4,230,380
Operating Capital Outlay	\$ 60,000	\$ 72,387	\$ -	\$ -	\$ -	\$ 2,800	\$ 135,187
Fixed Capital Outlay	\$ -	\$ 17,794,729	\$ -	\$ -	\$ 304,602,278	\$ -	\$ 322,397,007
Interagency Expenditures (Cooperative Funding)	\$ 485,783	\$ 237,477	\$ -	\$ -	\$ 95,000	\$ -	\$ 818,260
Debt	\$ 30,372,127	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,372,127
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ 52,646,752	\$ 20,380,474	\$ -	\$ -	\$ 322,573,491	\$ 1,336,456	\$ 396,937,173

RATE, OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Workforce	Rate (Salary without benefits)	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	144	\$ 11,367,754	\$ 16,033,178	\$ -	\$ 16,033,178
Other Personal Services	-	\$ -	\$ -	\$ -	\$ -
Contracted Services	-	\$ -	\$ 17,143,313	\$ 5,807,721	\$ 22,951,034
Operating Expenses			\$ 849,112	\$ 3,381,268	\$ 4,230,380
Operating Capital Outlay			\$ 75,000	\$ 60,187	\$ 135,187
Fixed Capital Outlay			\$ 96,000,000	\$ 226,397,007	\$ 322,397,007
Interagency Expenditures (Cooperative Funding)			\$ 598,260	\$ 220,000	\$ 818,260
Debt			\$ 30,372,127	\$ -	\$ 30,372,127
Reserves - Emergency Response			\$ -	\$ -	\$ -
TOTAL			\$ 161,070,990	\$ 235,866,183	\$ 396,937,173

WORKFORCE

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

WORKFORCE CATEGORY	Fiscal Year					Adopted to Preliminary 2018-19 to 2019-20	
	2015-16	2016-17	2017-18	2018-19	2019-20	Difference	% Change
Authorized Positions	150	128	122	144	144	-	0.00%
Contingent Worker	0	0	0	0	0	-	-
Other Personal Services	0	0	0	0	0	-	-
Intern	0	0	0	0	0	-	-
Volunteer	0	0	0	0	0	-	-
TOTAL WORKFORCE	150	128	122	144	144	-	0.00%

IV. PROGRAM ALLOCATIONS

Changes and Trends

The Florida Legislature continues its commitment to Everglades Restoration through continued appropriations for Restoration Strategies, CERP, and NEEPP. In 2016, House Bill 989 (Chapter 2016-201), the Legislature stated its commitment to long-term funding for Everglades restoration, primarily those that reduce harmful discharges to the St. Lucie River and Caloosahatchee River estuaries, providing up to \$200 million annually for the implementation of CERP, Long Term Plan, and NEEPP. From this funding, \$32 million would be appropriated annually for Restoration Strategies through Fiscal Year 2023-24, up to \$100 million for CERP, including the Comprehensive Everglades Planning Project, and the remainder for NEEPP. In 2017, through Senate Bill 10 (Chapter 2017-10), the Legislature reinstated the commitment made in the 2016 House Bill 989 and provided an additional \$33 million for the District to work with the USACE for a Post-Authorization Change Report and to acquire land or negotiate leases to implement the Everglades Agricultural Area storage reservoir project, and in 2018, legislative appropriations for restoration totaled \$243.1 million.

Increases in Salaries and Benefits between Fiscal Year 2015-16 and Fiscal Year 2017-18 were due to the reallocation of staff in support of new District initiatives such as Restoration Strategies, the C-43 West Basin Storage Reservoir, Lakeside Ranch and the EAA Reservoir. Increases and decreases between Fiscal Year 2015-16 and Fiscal Year 2017-18 in Contracted Services, Operating Expenses, Operating Capital Outlay and Fixed Capital Outlay primarily reflect the shift in the project phases as they move from Planning, Design and Construction. Increases in State Funding for the C-43 West Basin Storage Reservoir, Lakeside Ranch and the EAA Reservoir have increased the overall 2.3 sub-activity.

A detailed description of variances, changes and trends, and major budget items for District Everglades and CERP is contained in the District Specific Programs on pages 203 - 211.

Budget Variances

The program has a 4.8 percent (\$20.1 million) decrease from the Fiscal Year 2018-19 Adopted Budget of \$417.0 million. The decrease is primarily within the Surface Water Projects (Activity 2.3).

Contracted Services decreased 71.1 percent (\$56.4 million) primarily due to a reduction in Contracted Services – External Provider (\$42.0 million), which includes decreased cash flow requirements within this expense category for NEEPP/Dispersed Water Management Projects (\$37.9 million), reallocation of CERP Planning funding to fixed capital outlay (\$5 million), decreased recurring funding for Restoration Strategies (\$110,667), and decreased one-time funding from state grant for Lake Okeechobee WAM Model Pre-Drainage Characterization (\$92,000), offset by increased NEEPP state appropriation for L-63N Canal ASR system reactivation (\$1 million), increased recurring funding for NEEPP Research and Water Quality Program (\$71,660) and C-44 water quality monitoring and compliance (\$85,733), and reclassification of compliance assessment funding for Restoration Strategies A1FEB and Lakeside Ranch from Operating Expense - Interagency Public University to this expense category (\$42,931). Other reductions in one-time federal funding (\$1.0 million) and state appropriations (\$5.1 million) for NEEPP/Dispersed Water Management Projects, one-time funding for Emergency Estuary Protection Program (\$9.7 million), and reduced cash flow requirements for C-44 Reservoir/STA Project (\$104,000), are offset by increased cashflow requirements for Restoration Strategies Science Plan activities and Regional Projects (\$1.2 million), Kissimmee River Restoration Evaluation Program (\$55,250), and BOMA Mesocosms

IV. PROGRAM ALLOCATIONS

(\$36,500), as well new NEEPP state appropriation for Rolling Meadows Wetland Restoration Phase 2 (\$250,000).

Operating Capital Outlay decreased 98.9 percent (\$12.0 million) primarily due to reduced cash flow requirements for Restoration Strategies for STA-1W #2 construction (\$6.5 million) and C-139 FEB design (\$5.5 million) as the projects progress into the next phase.

Operating Expenses decreased 9.1 percent (\$426,025) primarily resulting from the transition of C-44 Reservoir/STA Project and Picayune Strand Restoration Project/Miller Pump Station to District operations in State Program 3.0.

Interagency expenditures decreased 11.7 percent (\$107,961) due to a net reduction in cash flow requirements for Caloosahatchee Tributary monitoring (\$37,980), resulting from a \$132,980 decrease in Operating Expense – Interagency Federal Matching, offset by a \$95,000 increase in CALO Tributary Flow Measurements; as well as a decrease in Operating Expense – Interagency Public University (\$42,931) due to reclassification of compliance assessment funding for Restoration Strategies A1 FEB and Lakeside Ranch to Contracted Services – External Provider, and transition of C-44 Reservoir/STA Project and Picayune Strand Restoration Project/Miller Pump Station to District operations in State Program 1.0 (\$27,050).

Fixed Capital Outlay increased 17.9 percent (\$48.8 million) due to increased new and prior year state appropriated funding for EAA Storage Reservoir (\$31.0 million), resulting from increases in line items budgeted on the project (\$55.3 million) and an increase in state appropriated funding for AUC Water Control Structures (\$120.7 million), which includes funding for CERP/CEPP Projects (\$145.5 million) that is offset by a decrease within AUC Water Control Structures for EAA Storage Reservoir (\$24.3 million), and a reduction in state appropriations specifically budgeted for the C-43 West Storage Reservoir (\$145.1 million). Additional increases are due to reclassification of new state appropriated funding for Restoration Strategies Regional Projects from Operating Capital Outlay to this category (\$12.0 million); and one-time funding for CERP land acquisition (\$5.9 million).

Salaries and Benefits increased 0.1 percent (\$19,526) primarily due to estimated increases in FRS Retirement contributions.

Major Budget Items for this program include the following:

- Salaries and Benefits (\$16.0 million) (144 FTEs).
- Projects in Appendix C under this program can be found in Appendix C of this budget as well as in each activity or sub-activity of this program (\$346.8 million).
- Contracted Services:
 - Biscayne Bay Coastal Wetlands (\$1.5 million).
 - Decomp Physical Model Construction (\$480,340).
 - Computer consulting services for enterprise resource support and IT security (\$80,153).
- Operating Expenses:
 - CERP Indirect (\$3.3 million).

IV. PROGRAM ALLOCATIONS

- Software maintenance (\$463,764).
- Communication Service (\$72,989).
- Hardware maintenance (\$44,813).
- Interagency Expenditures:
 - Decomp Physical Model Construction (\$275,000).
 - Caloosahatchee Tributary Flow Measurements (\$95,000).
- Debt: (\$30.4 million).

IV. PROGRAM ALLOCATIONS

South Florida Water Management District
REDUCTIONS - NEW ISSUES
2.0 Land Acquisition, Restoration and Public Works
Fiscal Year 2019-20
Preliminary Budget - January 15, 2019

FY 2018-19 Budget (Adopted)		144	\$	417,023,428		
Reductions						
Issue	Description	Issue Amount	Workforce	Category Subtotal	Issue Narrative	
Salaries and Benefits					(34,605)	Salaries and Benefits has an overall programmatic increase of \$19,526 due to an estimated increase in FR&S Retirement Contribution.
1	Decrease in Total Salaries and Wages	(34,605)				
Other Personal Services					-	
Contracted Services					(57,986,960)	Contracted Services has an overall programmatic decrease of \$56.4 million, primarily due to decreased cash flow requirements (\$38.9 million) and reduction in state appropriations (\$5.1 million) for NEEPP/Dispersed Water Management Projects, as well as reduction due to one-time funding for Interim Estuary Protection Measures (\$9.7 million) and reallocation of CERP Planning funding to fixed capital outlay (\$5 million); offset by increases in cashflow requirements for Restoration Strategies Science Plan activities (\$1.0 million), L-63N Canal ASR system reactivation and Rolling Meadows Wetland Restoration Phase 2 (\$1.3 million).
2	Decrease in Decomp Physical Model Construction	(7,310)				
3	Decrease in KR Restoration Evaluation Program	(28,500)				
4	Decrease in Cont Serv - External Provider	(41,988,363)				
5	Decrease in C-44 Reservoir/STA Project	(104,000)				
6	Decrease in DWM Dispersed Water Mgmt Program	(5,123,787)				
7	Decrease in DWM PUB Allapattah Parcels A&B	(1,000,000)				
8	Decrease in Picayune Restoration Project	(10,000)				
9	Decrease in Northern Everglades Deep Injection Wells	(9,700,000)				
10	Decrease in RS SP Floating Tussocks	(25,000)				
Operating Expenses					(448,885)	Operating Expenses has an overall programmatic decrease of \$426,025, primarily resulting from the transition of C-44 Reservoir/STA Project and Picayune Strand Restoration Project/Miller Pump Station to District operations in State Program 3.0.
11	Decrease in C-44 Reservoir/STA Project	(227,210)				
12	Decrease in Cont Serv - Maintenance and Repairs	(3,000)				
13	Decrease in Operating Expenses	(2,308)				
14	Decrease in Picayune Restoration Project	(216,367)				
Operating Capital Outlay					(12,022,613)	Operating Capital Outlay has an overall programmatic decrease of \$12.0 million, resulting from decreased cash flow requirements for Restoration Strategies for STA-1W #2 construction (\$6.5 million) and C-139 FEB design (\$5.5 million).
15	Decrease in Decomp Physical Model Construction	(10,000)				
16	Decrease in KR Restoration Evaluation Program	(12,613)				
17	Decrease in RS STA1W Expansion #2	(6,500,000)				
18	Decrease in RS C-139 FEB	(5,500,000)				
Fixed Capital Outlay					(165,072,295)	Fixed Capital Outlay has an overall programmatic increase of \$48.8 million, primarily due to increased fixed capital outlay funding requirements from new and prior year appropriations for EAA Reservoir (\$31.0 million), Restoration Strategies (\$12.0 million), and CERP Projects including C-43 West Storage Reservoir, IRL South, and CERP Planning (\$5.8 million).
19	Decrease in C-43 West Storage Reservoir	(145,072,295)				
20	Decrease in RS STA5 Earthworks	(10,000,000)				
21	Decrease in RS G-341 Related Conveyance Imprvt	(10,000,000)				
Interagency Expenditures (Cooperative Funding)					(202,961)	Interagency Expenditures has an overall programmatic decrease of \$107,961 due to reduced cash flow requirements for Caloosahatchee Tributary monitoring (\$37,980), reclassification of compliance assessment funding for Restoration Strategies A1 FEB and Lakeside Ranch to contractual services (\$42,931), and transition of C-44 Reservoir/STA Project and Picayune Strand Restoration Project/Miller Pump Station to District operations in State Program 1.0 (\$27,050).
22	Decrease in Oper Expense - Interagency Federal Matching	(132,980)				
23	Decrease in Oper Expense - Interagency Public Univ	(42,931)				
24	Decrease in C-44 Reservoir/STA Project	(23,050)				
25	Decrease in Picayune Restoration Project	(4,000)				
Debt					(631,499)	Debt has an overall programmatic decrease of \$21,498.
26	Decrease in Oper Expense - COPS2015 Interest MA	(631,499)				
Reserves					-	
TOTAL REDUCTIONS					(236,399,818)	

IV. PROGRAM ALLOCATIONS

**South Florida Water Management District
REDUCTIONS - NEW ISSUES
2.0 Land Acquisition, Restoration and Public Works
Fiscal Year 2019-20
Preliminary Budget - January 15, 2019**

New Issues						
Issue	Description	Issue Amount	Workforce	Category Subtotal		
Salaries and Benefits			-	54,131	Salaries and Benefits has an overall programmatic increase of \$19,526 due to an estimated increase in FRS Retirement Contribution.	
1	Increase in Total Fringe Benefits	54,131				
Other Personal Services			-	-		
Contracted Services				1,594,250	Contracted Services has an overall programmatic decrease of \$56.4 million, primarily due to decreased cash flow requirements (\$38.9 million) and reduction in state appropriations (\$5.1 million) for NEEPP/Dispersed Water Management Projects, as well as reduction due to one-time funding for Interim Estuary Protection Measures (\$9.7 million) and reallocation of CERP Planning funding to fixed capital outlay (\$5 million); offset by increases in cashflow requirements for Restoration Strategies Science Plan activities (\$1.0 million), L-63N Canal ASR system reactivation and Rolling Meadows Wetland Restoration Phase 2 (\$1.3 million).	
2	Increase in KR Restoration Evaluation Program	83,750				
3	Increase in Rolling Meadows Wetland Restoration	250,000				
4	Increase in RS Program - Regional Projects	200,000				
5	Increase in RS SP Soil Amendments	75,000				
6	Increase in CERP Western Evrglads Restoratio (PARNT)	24,000				
7	Increase in RS SAV Resiliency	100,000				
8	Increase in RS Faunal Abundance	25,000				
9	Increase in Boma Mesocosms	36,500				
10	Increase in RS SP Lab QA&QC Support	500,000				
11	Increase in RS SP Periphyton	200,000				
12	Increase in RS SP L-8 FEB & STA Operational Guidance	100,000				
Operating Expenses				22,860	Operating Expenses has an overall programmatic decrease of \$426,025, primarily resulting from the transition of C-44 Reservoir/STA Project and Picayune Strand Restoration Project/Miller Pump Station to District operations in State Program 3.0.	
13	Increase in Decomp Physical Model Construction	7,310				
14	Increase in Operating Expenses	2,000				
15	Increase in Oper Expense - Parts and Supplies	3,000				
16	Increase in Oper Expense - Parts, Supp - Laboratory	6,000				
17	Increase in Operating Expenses	50				
18	Increase in AS KCOL/KUB Monitoring & Assessment	1,000				
19	Increase in Boma Mesocosms	3,500				
Operating Capital Outlay				25,000	Operating Capital Outlay has an overall programmatic decrease of \$12.0 million, resulting from decreased cash flow requirements for Restoration Strategies for STA-1W #2 construction (\$6.5 million) and C-139 FEB design (\$5.5 million).	
20	Increase in Decomp Physical Model Construction	10,000				
21	Increase in Capital Outlay - Equipment Water Measurement	15,000				
Fixed Capital Outlay				213,912,321	Fixed Capital Outlay has an overall programmatic increase of \$48.8 million, primarily due to increased fixed capital outlay funding requirements from new and prior year appropriations for EAA Reservoir (\$31.0 million), Restoration Strategies (\$12.0 million), and CERP Projects including C-43 West Storage Reservoir, IRL South, and CERP Planning (\$5.8 million).	
22	Increase in Capital Outlay - AUC Water Control Structures	120,685,642				
23	Increase in Capital Outlay - LIP Land	5,420,148				
24	Increase in Capital Outlay - LIP Land Acquisition Assoc Costs	497,758				
25	Increase in RS Program - Regional Projects	32,000,000				
26	Increase in Everglades Agri Area Storage Reservoir	55,308,773				
Interagency Expenditures (Cooperative Funding)				95,000	Interagency Expenditures has an overall programmatic decrease of \$107,961 due to reduced cash flow requirements for Caloosahatchee Tributary monitoring (\$37,980), reclassification of compliance assessment funding for Restoration Strategies A1 FEB and Lakeside Ranch to contractual services (\$42,931), and transition of C-44 Reservoir/STA Project and Picayune Strand Restoration Project/Miller Pump Station to District operations in State Program 1.0 (\$27,050).	
27	Increase in CALO Tributary Flow Measurements	95,000				
Debt				610,001	Debt has an overall programmatic decrease of \$21,498.	
28	Increase in Oper Expense - Principal COPS2015	610,001				
Reserves				-		
TOTAL NEW ISSUES				0	216,313,563	
2.0 Land Acquisition, Restoration and Public Works						
Total Workforce and Preliminary Budget for FY 2019-20			144	\$ 396,937,173		

IV. PROGRAM ALLOCATIONS

2.1 Land Acquisition - The acquisition of land and facilities for the protection and management of water resources. This activity category does not include land acquisition components of "water resource development projects," "surface water projects," or "other cooperative projects."

District Description

Land acquisition is within the program where the project resides.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

2.1 - Land Acquisition

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Operating Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ -	\$ -	\$ -
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ -	\$ -	\$ -
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ -	\$ -	\$ -

Changes and Trends

There is no funding for this activity.

Budget Variances

There is no funding for this activity.

Major Budget Items for this activity include the following:

- None.

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

2.2 Water Source Development - Water resource development projects and regional or local water supply development assistance projects designed to increase the availability of water supplies for consumptive use.

District Description

Water resource development projects and regional or local water supply development assistance projects designed to increase the availability of water supplies for consumptive use.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
PRELIMINARY BUDGET - Fiscal Year 2019-20
2.2 - Water Source Development

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 311,006	\$ 225,738	\$ 261,497	\$ 273,577	\$ 275,044	\$ 1,467	0.5%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Contracted Services	\$ 26,866	\$ 12,500	\$ 12,500	\$ -	\$ -	\$ -	
Operating Expenses	\$ 4,377	\$ 2,812	\$ 588	\$ 5,634	\$ 5,634	\$ -	0.0%
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Interagency Expenditures (Cooperative Funding)	\$ 145,700	\$ 616,876	\$ 1,985,855	\$ -	\$ -	\$ -	
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL	\$ 487,949	\$ 857,926	\$ 2,260,440	\$ 279,211	\$ 280,678	\$ 1,467	0.5%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	Slate Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 407,823	\$ -	\$ -	\$ -	\$ -	\$ (127,145)	\$ 280,678

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 275,044	\$ -	\$ 275,044
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ 5,634	\$ -	\$ 5,634
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 280,678	\$ -	\$ 280,678

Changes and Trends

The District has historically provided funding to local governments, special districts, utilities, homeowners associations, water users, agriculture and other public and private organizations for stormwater, alternative water supply and water conservation projects that are consistent with the agency's core mission. In Fiscal Year 2016-17, these cooperative funding efforts were brought together under one Cooperative Funding Program (CFP) that provides financial incentives to promote local projects that complement ongoing regional restoration, flood control, water quality and water supply efforts within the District's 16-county region. In September 2016, the District Governing Board approved \$9.1 million to fund 71 CFP projects for cost-share funding to local partners for project construction over a two-year period (Fiscal Year 2016-17 and Fiscal Year 2017-18) for stormwater (31), alternative water supply (14) and water conservation (26) cooperative funding efforts. The construction of 19 projects have been completed (4 AWS projects, 6 stormwater projects, and 9 water conservation projects) and there have been 9 projects cancelled by the project partners (1 AWS project, 4 stormwater projects, and 4 water conservation projects). Ongoing construction/implementation is still underway for 24 projects (5 AWS projects, 9 stormwater projects, and 10 water conservation projects). Pursuant to Governing Board direction, a time extension has been granted for the remaining 19 projects (4 AWS projects, 12 stormwater projects, and 3 water conservation projects) with completion planned in Fiscal Year 2018-19. Some of the projects that were

IV. PROGRAM ALLOCATIONS

funded under the CFP in Fiscal Year 2016-17 are still underway, and are planned for completion in 2019, resulting in the Governing Board not providing funding in Fiscal Year 2018-19. Currently, there is no additional funding for this Program for Fiscal Year 2019-20, pending future Governing Board discussions on funding allocations for the alternative water supply funding initiatives.

Budget Variances

The Fiscal Year 2019-20 Preliminary Budget represents an increase of 0.5 percent (\$1,467) from the Fiscal Year 2018-19 Adopted Budget primarily due to an estimated increase in FRS Retirement Contributions.

Major Budget Items for this activity include the following:

- Salaries and Benefits (\$275,044).

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

2.2.1 Water Resource Development Projects - Regional projects designed to create, from traditional or alternative sources, an identifiable, quantifiable supply of water for existing and/or future reasonable-beneficial uses. These projects do not include the construction of facilities for water supply development, as defined in section 373.019(21), Florida Statutes. Such projects may include the construction, operation, and maintenance of major public works facilities that provide for the augmentation of available surface and ground water supply or that create alternative sources of supply. Water resource development projects are to be identified in water management district regional water supply plans or district water management plans, as applicable.

District Description

Regional water supply plans and updates have been prepared and approved by the Governing Board for five planning regions that collectively cover the entire District: Lower East Coast, Lower West Coast, Upper East Coast, Upper Kissimmee Basin and Lower Kissimmee Basin. The Upper Kissimmee Basin is included in the Central Florida Water Initiative (CFWI) planning area and water supply plan. The water supply plans project water demands over at least a 20-year planning horizon and identify strategies to meet future needs, including Water Resource Development projects. The water supply plans are updated every five years.

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SUBACTIVITY BY EXPENDITURE CATEGORY**
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
PRELIMINARY BUDGET - Fiscal Year 2019-20
2.2.1 Water Resource Development Projects

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 274,510	\$ 189,720	\$ 229,176	\$ 222,518	\$ 223,798	\$ 1,280	0.6%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ 12,500	\$ 12,500	\$ -	\$ -	\$ -	-
Operating Expenses	\$ 4,377	\$ 2,812	\$ 588	\$ 5,634	\$ 5,634	\$ -	0.0%
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 278,887	\$ 205,032	\$ 242,264	\$ 228,152	\$ 229,432	\$ 1,280	0.6%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 356,577	\$ -	\$ -	\$ -	\$ -	\$ (127,145)	\$ 229,432

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 223,798	\$ -	\$ 223,798
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ 5,634	\$ -	\$ 5,634
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 229,432	\$ -	\$ 229,432

Changes and Trends

This sub-activity represents fluctuations in Salaries and Benefits over the last five years as staff have been reallocated to other projects within the District.

In Fiscal Year 2018-19, the District will complete simulations using the Surficial and Intermediate Aquifer System groundwater model for the Lower West Coast planning area; complete simulations of the West Coast Floridan Model for the Lower West Coast planning area; complete calibration and conduct simulations of the East Central Florida Transient

IV. PROGRAM ALLOCATIONS

Expanded model to support the CFWI planning process, and continue monitoring of groundwater levels, including the United States Geological Survey groundwater monitoring network, to support water management activities and calibration of groundwater models. In addition, the District has completed the 2018 update to the Lower East Coast Water Supply Plan and will complete the 2019 update of the Lower Kissimmee Basin Water Supply Plan; continue to support development of the 2020 update to the CFWI Regional Water Supply Plan; and, begin the 2021 update of the Upper East Coast Water Supply Plan.

In Fiscal Year 2019-20, the District will compile data sets and initiate development of a transient, density-dependent groundwater model for the Upper and Lower East Coast planning areas; and, continue monitoring of groundwater levels, including the United States Geological Survey groundwater monitoring network, to support water management activities and calibration of groundwater models.

Budget Variances

The Fiscal Year 2019-20 Preliminary Budget represents an increase of 0.6 percent (\$1,280) from the Fiscal Year 2018-19 Adopted Budget primarily due to an estimated increase in FRS Retirement Contributions.

Major Budget Items for this sub-activity include the following:

- Salaries and Benefits (\$223,798).

Appendix C includes projects that are funded with Salaries and Benefits (included in Salaries and Benefits number above) and Operating Expenses.

Project Title	Salaries and Benefits	Contracted Services	Operating Expenses	Operating Capital Outlay	Fixed Capital Outlay	Interagency Expenditures	Grand Total
Water Supply Implementation	\$ 223,798	\$ -	\$ 5,634	\$ -	\$ -	\$ -	\$ 229,432
Grand Total	\$ 223,798	\$ -	\$ 5,634	\$ -	\$ -	\$ -	\$ 229,432

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

2.2.2 Water Supply Development Assistance - Financial assistance for regional or local water supply development projects. Such projects may include the construction of facilities included in the term “water supply development” as defined in section 373.019(21), Florida Statutes.

District Description

Financial assistance for regional or local water supply development projects. Such projects may include the construction of facilities included in the term “water supply development” as defined in section 373.019(21), Florida Statutes.

Local governments, water users, and water utilities are primarily responsible for implementing water supply development. The Water Protection and Sustainability Program, created during the 2005 legislative session, strengthened the link between water supply plans and local government comprehensive plans and a cost-sharing program for alternative water supply projects when funding is budgeted by the state (state funding has not been budgeted since 2009). In addition, the legislation included requirements for the water supply development component of the regional water supply plans by making the plans more specific. The intent is to make the plans more useful to local water suppliers in developing alternative water supplies, and then provide permitting and funding incentives to local water suppliers to build projects included in the plan.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SUBACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
PRELIMINARY BUDGET - Fiscal Year 2019-20
2.2.2 Water Supply Development Assistance

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 36,496	\$ 36,018	\$ 32,321	\$ 51,059	\$ 51,246	\$ 187	0.4%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Contracted Services	\$ 26,866	\$ -	\$ -	\$ -	\$ -	\$ -	
Operating Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Interagency Expenditures (Cooperative Funding)	\$ 145,700	\$ 616,876	\$ 1,985,855	\$ -	\$ -	\$ -	
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL	\$ 209,062	\$ 652,894	\$ 2,018,176	\$ 51,059	\$ 51,246	\$ 187	0.4%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 51,246	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,246

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

	Operating	Non-operating	TOTAL
Salaries and Benefits	\$ 51,246	\$ -	\$ 51,246
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ -	\$ -	\$ -
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 51,246	\$ -	\$ 51,246

Changes and Trends

Over the last few years where funding has been allocated for Interagency Expenditures (Cooperative Funding), the District has provided funding to local governments, special districts, utilities, homeowners associations, water users and other public and private organizations for stormwater, alternative water supply and water conservation projects that are consistent with the agency’s core mission. In Fiscal Year 2016-17, these cooperative funding efforts were brought together under one Cooperative Funding Program (CFP) that provides financial

IV. PROGRAM ALLOCATIONS

incentives to promote local projects that complement ongoing regional restoration, flood control, water quality and water supply efforts within the District's 16-county region. In September 2016, the District Governing Board approved \$9.1 million to fund 71 CFP projects for cost-share funding to local partners for project construction over a two-year period (Fiscal Year 2016-17 and Fiscal Year 2017-18) for stormwater (31), alternative water supply (14) and water conservation (26) cooperative funding efforts. Of the 14 AWS projects, 9 have been completed, 1 has been cancelled, and a time extension has been granted for the remaining 4 AWS projects with completion in Fiscal Year 2018-19. Since projects are still underway, and planned for completion in Fiscal Year 2018-19, the Governing Board did not provide CFP funding in Fiscal Year 2018-19. Currently, there is no additional funding for this Program for Fiscal Year 2019-20, pending future Governing Board discussions on funding allocations for the alternative water supply funding initiatives.

Budget Variances

The Fiscal Year 2019-20 Preliminary Budget represents an increase of 0.4 percent (\$187) from the Fiscal Year 2018-19 Adopted Budget due to an estimated increase in FRS Retirement Contributions.

Major Budget Items for this sub-activity include the following:

- Salaries and Benefits (\$51,246).

Appendix C includes projects that are funded with Salaries and Benefits (included in Salaries and Benefits number above).

Project Title	Salaries and Benefits	Contracted Services	Operating Expenses	Operating Capital Outlay	Fixed Capital Outlay	Interagency Expenditures	Grand Total
Cooperative Funding Program	\$ 51,246	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,246
Grand Total	\$ 51,246	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,246

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

2.2.3 Other Water Source Development Activities - Water resource development activities and water supply development activities not otherwise categorized above.

District Description

Water resource development activities and water supply development activities not otherwise categorized above.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT SUBACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

2.2.3 Other Water Source Development Activities

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ -	\$ -	\$ -
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ -	\$ -	\$ -
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ -	\$ -	\$ -

Changes and Trends

There is no funding for this sub-activity.

Budget Variances

There is no funding for this sub-activity.

Major Budget Items for this sub-activity include the following:

- None.

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

2.3 Surface Water Projects - Projects that restore or protect surface water quality, flood protection, or surface water-related resources through the acquisition and improvement of land, construction of public works, and other activities.

District Description

Those projects that restore or protect surface water quality, flood protection, or surface water-related resources through the acquisition and improvement of land, construction of public works, and other activities. Surface Water Projects include the Kissimmee River Restoration Project, design and implementation of the NEEPP, Everglades Forever Act (EFA) projects, Critical Restoration Projects, and the CERP.

The Kissimmee Basin encompasses more than two dozen lakes in the Kissimmee Chain of Lakes, their tributary streams and associated marshes and the Kissimmee River and floodplain. The basin forms the headwaters of Lake Okeechobee and the Everglades. The Kissimmee River Restoration Project includes restoration of the Kissimmee River and floodplain by backfilling the C-38 flood control canal and restoring the natural river channel and flood plain. Continued activities include obtaining the remaining real estate requirements, construction of project features including canal backfilling and protection of water for the natural system.

Activities associated with the NEEPP include continued implementation of the Lake

Okeechobee, St. Lucie River, and Caloosahatchee River Watershed Protection Plans. Specific activities include: implementation of Dispersed Water Management Projects to retain water and nutrients; evaluation of regulatory source control programs in support of NEEPP; continuation of partnerships with agriculture and urban communities to implement Best Management Practices; and implementation of a variety of source control, restoration, and water quality and storage projects.

The Dispersed Water Management program continues to provide opportunities to partner with other entities on water retention/storage projects. Existing projects include interim water retention projects on District lands, cooperative partnerships with private landowners, Northern Everglades Payment for Environmental Services (NE-PES) on ranch lands, and water farming pilots on fallow citrus lands, primarily in the Northern Everglades region. Through these projects, 172,994 acre-feet of storage is currently available to help offset any necessary regulatory releases from Lake Okeechobee; a potential 233,256 acre-feet of storage is in various stages of planning, design, or construction.

The District Everglades Program is focused on the District's responsibilities outlined in the Everglades Forever Act (EFA) as well as the settlement agreement. The EFA directed the District to acquire land and to design, permit, construct and operate STAs to reduce phosphorus levels in stormwater runoff and other sources before it enters the Everglades Protection Area. The goal of the District Everglades Program is to contribute to Everglades restoration by improving water quality, hydrology and ecology.

The Comprehensive Everglades Restoration Plan (CERP) contains more than 60 major components that involve the creation of approximately 217,000 acres of reservoirs and wetland-based water treatment areas. These components will vastly improve the quantity, quality, timing, and distribution of water for the South Florida environment. In addition, implementation of CERP will improve or sustain water supplies for urban and agricultural needs, while maintaining current C&SF Flood Control Project purposes. CERP includes pilot projects to test

IV. PROGRAM ALLOCATIONS

technologies, such as Aquifer Storage and Recovery (ASR) and seepage management methods, which are essential to the implementation of CERP. CERP also includes seven Critical Restoration Projects, for which Project Cooperative Agreements were executed by the USACE and the District.

The EFA and CERP surface water projects are unique to the South Florida Water Management District. As such, separate narratives and programmatic spreadsheets for each of these projects are provided in the section titled "District Specific Programs and Activities" on pages 203 - 211.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
PRELIMINARY BUDGET - Fiscal Year 2019-20
2.3 - Surface Water Projects

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 11,971,682	\$ 12,475,017	\$ 13,376,533	\$ 14,600,538	\$ 14,617,475	\$ 16,937	0.1%
Other Personal Services	\$ 27,573	\$ 8,036	\$ 8,036	\$ -	\$ -	\$ -	
Contracted Services	\$ 9,315,921	\$ 17,949,974	\$ 16,707,867	\$ 79,229,741	\$ 22,837,031	\$ (56,392,710)	-71.2%
Operating Expenses	\$ 5,049,525	\$ 4,041,467	\$ 1,559,617	\$ 4,039,205	\$ 3,613,180	\$ (426,025)	-10.5%
Operating Capital Outlay	\$ 16,762,932	\$ 11,020,703	\$ 13,543,670	\$ 12,132,800	\$ 135,187	\$ (11,997,613)	-98.9%
Fixed Capital Outlay	\$ 88,194,953	\$ 151,261,824	\$ 131,141,790	\$ 273,556,981	\$ 322,397,007	\$ 48,840,026	17.9%
Interagency Expenditures (Cooperative Funding)	\$ 1,264,346	\$ 2,321,492	\$ 1,829,412	\$ 851,221	\$ 743,260	\$ (107,961)	-12.7%
Debt	\$ 34,848,725	\$ 32,029,525	\$ 30,410,250	\$ 30,393,625	\$ 30,372,127	\$ (21,498)	-0.1%
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL	\$ 167,435,657	\$ 231,108,038	\$ 208,577,175	\$ 414,804,111	\$ 394,715,267	\$ (20,088,844)	-4.8%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 50,297,701	\$ 20,380,474	\$ -	\$ -	\$ 322,573,491	\$ 1,463,601	\$ 394,715,267

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 14,617,475	\$ -	\$ 14,617,475
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 17,029,310	\$ 5,807,721	\$ 22,837,031
Operating Expenses	\$ 231,912	\$ 3,381,268	\$ 3,613,180
Operating Capital Outlay	\$ 75,000	\$ 60,187	\$ 135,187
Fixed Capital Outlay	\$ 96,000,000	\$ 226,397,007	\$ 322,397,007
Interagency Expenditures (Cooperative Funding)	\$ 523,260	\$ 220,000	\$ 743,260
Debt	\$ 30,372,127	\$ -	\$ 30,372,127
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 158,849,084	\$ 235,866,183	\$ 394,715,267

Changes and Trends

The Florida Legislature continues its commitment to Everglades Restoration through continued appropriations for Restoration Strategies, CERP, and NEEPP. In 2016, House Bill 989 (Chapter 2016-201), the Legislature stated its commitment to long-term funding for Everglades restoration, primarily those that reduce harmful discharges to the St. Lucie River and Caloosahatchee River estuaries, providing up to \$200 million annually for the implementation of CERP, Long Term Plan, and NEEPP. From this funding, \$32 million would be appropriated annually for Restoration Strategies through Fiscal Year 2023-24, up to \$100 million for CERP, including the Comprehensive Everglades Planning Project, and the remainder for NEEPP. In 2017, through Senate Bill 10 (Chapter 2017-10), the Legislature reinstated the commitment made in the 2016 House Bill 989 and provided an additional \$33 million for the District to work with the USACE for a Post-Authorization Change Report and to acquire land or negotiate leases to implement the Everglades Agricultural Area storage reservoir project, and in 2018, legislative appropriations for restoration totaled \$243.1 million.

Increases in Salaries and Benefits between Fiscal Year 2015-16 and Fiscal Year 2017-18 were due to the reallocation of staff in support of new District initiatives such as Restoration Strategies, the C-43 West Basin Storage Reservoir, Lakeside Ranch and the EAA Reservoir. Increases and decreases between Fiscal Year 2015-16 and Fiscal Year 2017-18 in Contracted Services,

IV. PROGRAM ALLOCATIONS

Operating Expenses, Operating Capital Outlay and Fixed Capital Outlay primarily reflect the shift in the project phases as they move from Planning, Design and Construction. Increases in State Funding for the C-43 West Basin Storage Reservoir, Lakeside Ranch and the EAA Reservoir have increased the overall 2.3 sub-activity.

A detailed description of changes and trends for District Everglades and CERP is contained in the District Specific Programs on pages 203 - 211.

Budget Variances

The Fiscal Year 2019-20 Preliminary Budget represents a net decrease of 4.8 percent (\$20.1 million) from the Fiscal Year 2018-19 Adopted Budget primarily due to:

Contracted Services decreased 71.2 percent (\$56.4 million) primarily due to decreased cash flow requirements (\$38.9 million) and reduction in state appropriations (\$5.1 million) for NEEPP/Dispersed Water Management Projects, as well as reductions due to one-time funding for Emergency Estuary Protection Program (\$9.7 million) and reallocation of CERP Planning funding to fixed capital outlay (\$5 million); offset by increases in cashflow requirements for Restoration Strategies Science Plan activities (\$1.0 million) and one-time NEEPP state appropriations for L-63N Canal ASR system reactivation and Rolling Meadows Wetland Restoration Phase 2 (\$1.3 million).

Operating Capital Outlay decreased 98.9 percent (\$12.0 million) primarily due to reduced cash flow requirements for Restoration Strategies as the projects progress into the next phase.

Operating Expenses decreased 10.5 percent (\$426,025) primarily resulting from the transition of C-44 Reservoir/STA Project and Picayune Strand Restoration Project/Miller Pump Station to District operations in State Program 3.0.

Interagency Expenditures decreased 12.7 percent (\$107,961) due to reduced cash flow requirements for Caloosahatchee Tributary monitoring (\$37,980), reclassification of compliance assessment funding for Restoration Strategies A1 FEB and Lakeside Ranch to Contracted Services (\$42,931), and transition of C-44 Reservoir/STA Project and Picayune Strand Restoration Project/Miller Pump Station to District operations in State Program 1.0 (\$27,050).

Fixed Capital Outlay increased 17.9 percent (\$48.8 million) primarily due to increased funding from new and prior year appropriations for EAA Reservoir (\$31.0 million), Restoration Strategies (\$12.0 million), and CERP Projects including C-43 West Storage Reservoir, IRL South, and CERP Planning (\$5.8 million).

A detailed description of variances, changes and trends, and major budget items for District Everglades and CERP is contained in the District Specific Programs on pages 203 - 211.

Major Budget Items for this activity include the following:

- Salaries and Benefits (\$14.6 million).

Appendix C includes projects that are funded with Salaries and Benefits (included in Salaries and Benefits number above), Contracted Services, Operating Expenses, Operating Capital Outlay, Fixed Capital Outlay, and Interagency Expenditures.

IV. PROGRAM ALLOCATIONS

Project Title	Salaries and Benefits	Contracted Services	Operating Expenses	Operating Capital Outlay	Fixed Capital Outlay	Interagency Expenditures	Grand Total
2019 SA Everglades Restoration	\$ -	\$ -	\$ -	\$ -	\$ 145,500,000	\$ -	\$ 145,500,000
Biscayne Bay Coastal Wetlands Phase 1 / L-31 East Flow Way	\$ -	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ -	\$ 50,000
C-43 Bioassays and Mesocosms	\$ 101,330	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 101,330
CEPP C44/C23 Interconnect	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000
CERP Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ 8,588,234	\$ -	\$ 8,588,234
Dispersed Water Management New Capital Improvements	\$ 25,647	\$ 9,876,213	\$ -	\$ -	\$ -	\$ -	\$ 9,901,860
DWM Dispersed Water Management Program Existing Operations	\$ 924,674	\$ 5,000,000	\$ 4,300	\$ -	\$ -	\$ -	\$ 5,928,974
DWM PUB Allapattah Parcels A&B	\$ 317,084	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,317,084
Everglades Agricultural Area Reservoir (EAA) Storage Reservoir	\$ -	\$ -	\$ -	\$ -	\$ 119,308,773	\$ -	\$ 119,308,773
Kissimmee River ASR	\$ 52,566	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 92,566
KR Restoration Evaluation Program	\$ 596,647	\$ 157,750	\$ 20,638	\$ 57,387	\$ -	\$ 261,760	\$ 1,094,182
L-63N Canal ASR System Reactivation	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
Lakeside Ranch STA Phase II	\$ 162,061	\$ -	\$ -	\$ -	\$ 16,000,000	\$ -	\$ 16,162,061
Restoration Strategies: Overall Project	\$ 614,796	\$ 200,000	\$ -	\$ -	\$ 32,000,000	\$ -	\$ 32,814,796
Rolling Meadows Wetland Restoration Phase 2	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000
RS Future Science Plan Projects	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000
RS Future Source Controls Projects	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
RS Science Plan P-Sources, Forms and Flux	\$ 380,523	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 580,523
RS Science Plan STA Water and TP Budget	\$ 141,471	\$ 158,000	\$ -	\$ -	\$ -	\$ -	\$ 299,471
RS Science Plan Deep Water Pulse on Cattail	\$ 84,636	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 184,636
RS Science Plan Faunal Abundance	\$ -	\$ 210,000	\$ -	\$ -	\$ -	\$ -	\$ 210,000
RS Science Plan L-8 FEB & STA Operational Guidance	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
RS Science Plan Lab QA/QC Support	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000
RS Science Plan Periphyton	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
RS Science Plan SAV Resiliency	\$ 32,808	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 232,808
RS Science Plan Soil Amendments	\$ 25,256	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 175,256
Grand Total	\$ 3,459,499	\$ 20,016,963	\$ 49,938	\$ 57,387	\$ 322,397,007	\$ 261,760	\$ 346,242,554

The Following are the other Major Budget items not included in Appendix C:

- Contracted Services:
 - Biscayne Bay Coastal Wetlands (\$1.5 million).
 - Decomp Physical Model Construction (\$480,340).
- Operating Expenses:
 - CERP Indirect (\$3.3 million).
- Interagency Expenditures:
 - Decomp Physical Model Construction (\$275,000).
 - Caloosahatchee Tributary Flow Measurements (\$95,000).
- Debt (\$30.4 million).

A detailed description of major budget items for District Everglades and CERP is contained in the District Specific Programs on pages 203 - 211.

Items funded with Reserves without restrictions include: Restoration Strategies Science Plan and Source Control activities, EFA Source Controls, Kissimmee River Restoration Evaluation Program, Kissimmee River ASR O&M, CERP Land Acquisition, Biscayne Bay Coastal

IV. PROGRAM ALLOCATIONS

Wetlands, WCA3 Decompartmentalization Physical Model, Hillsborough ASR O&M, BOMA Mesocosm O&M, and Lakeside Ranch water quality monitoring equipment.

Items funded with Reserves with restrictions include: EAA Reservoir, CERP Land Acquisition, and WCA3 Decompartmentalization Physical Model.

IV. PROGRAM ALLOCATIONS

2.4 Other Cooperative Projects - Any non-water source development cooperative effort under this program area between a water management district and another organization. This does not include projects resulting in capital facilities that are owned or operated by the water management district.

District Description

Any non-water source development cooperative effort under this program area between a water management district and another organization. This does not include projects resulting in capital facilities that are owned or operated by the water management district.

This activity includes non-water source development cooperative water conservation efforts between the District and other organizations. This does not include a project resulting in a capital facility that is owned or operated by the District. The District's water conservation program components are organized into regulatory, voluntary and incentive-based, and education and marketing initiatives, and are designed to build on and complement successful water conservation initiatives at the local, state, and national levels. The program is dynamic and adaptable, with an on-going commitment to explore and consider additional water-saving opportunities, technologies, research, and partnerships.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

2.4 - Other Cooperative Projects

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 272,110	\$ 253,260	\$ 194,002	\$ 202,514	\$ 204,240	\$ 1,726	0.9%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Expenses	\$ 8,598	\$ 504	\$ 856	\$ -	\$ -	\$ -	-
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ 308,653	\$ 136,250	\$ 391,476	\$ 75,000	\$ 75,000	\$ -	0.0%
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 589,361	\$ 390,014	\$ 586,334	\$ 277,514	\$ 279,240	\$ 1,726	0.6%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
	Fiscal Year 2019-20	\$ 279,240	\$ -	\$ -	\$ -	\$ -	\$ -

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 204,240	\$ -	\$ 204,240
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ -	\$ -	\$ -
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ 75,000	\$ -	\$ 75,000
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 279,240	\$ -	\$ 279,240

Changes and Trends

The District has historically provided funding to local governments, special districts, utilities, homeowners associations, water users, agriculture and other public and private organizations for stormwater, alternative water supply and water conservation projects that are consistent with the agency's core mission. In Fiscal Year 2016-17, these cooperative funding efforts were brought together under one Cooperative Funding Program (CFP) that provides financial incentives to promote local projects that complement ongoing regional restoration, flood control, water quality and water supply efforts within the District's 16-county region. In September 2016,

IV. PROGRAM ALLOCATIONS

the District Governing Board approved \$9.1 million to fund 71 CFP projects for cost-share funding to local partners for project construction over a two-year period (Fiscal Year 2016-17 and Fiscal Year 2017-18) for stormwater (31), alternative water supply (14) and water conservation (26) cooperative funding efforts. The construction of 19 projects have been completed (4 AWS projects, 6 stormwater projects, and 9 water conservation projects) and there have been 9 projects cancelled by the project partners (1 AWS project, 4 stormwater projects, and 4 water conservation projects). Ongoing construction/implementation is still underway for 24 projects (5 AWS projects, 9 stormwater projects, and 10 water conservation projects). Pursuant to Governing Board direction, a time extension has been granted for the remaining 19 projects (4 AWS projects, 12 stormwater projects, and 3 water conservation projects) with completion planned in Fiscal Year 2018-19. Some of the projects that were funded under the CFP in Fiscal Year 2016-17 are still underway, and are planned for completion in 2019, resulting in the Governing Board not providing funding in Fiscal Year 2018-19. Currently, there is no additional funding for this Program for Fiscal Year 2019-20, pending future Governing Board discussions on funding allocations for the alternative water supply funding initiatives. In addition, the Interagency Expenditures had decreased in Fiscal Year 2018-19, the only remaining funding is for the Florida Automated Weather Network (FAWN).

Budget Variances

The Fiscal Year 2019-20 Preliminary Budget represents an increase of 0.6 percent (\$1,726) from the Fiscal Year 2018-19 Adopted Budget due to an estimated increase in FRS Retirement Contributions.

Major Budget Items for this activity include the following:

- Salaries and Benefits (\$204,240).

Appendix C includes projects that are funded with Salaries and Benefits (included in Salaries and Benefits number above) and Interagency Expenditures.

Project Title	Salaries and Benefits	Contracted Services	Operating Expenses	Operating Capital Outlay	Fixed Capital Outlay	Interagency Expenditures	Grand Total
Comprehensive Water Conservation Program - Regulatory Initiatives (In 5 Year Water Supply Plan this is combined with item with an item in State Subactivity with same name 5.2.1	\$ 204,240	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 279,240
Grand Total	\$ 204,240	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 279,240

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

2.5 Facilities Construction and Major Renovations – The proposed work for the facilities improvement program includes project management, permitting, and conceptual, preliminary, and detailed engineering for the development and preparation of contract plans and specification for the construction of planned replacement, improvement, or repair to the District’s administrative and field station facilities.

District Description

The facilities improvement program includes project management, permitting, and conceptual, preliminary, and detailed engineering for the development and preparation of contract plans and specification for the construction of planned replacement, improvement, or repair to the District’s administrative and field station facilities.

There is no funding for this activity.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

2.5 - Facilities Construction and Major Renovations

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
<small>Fiscal Year 2019-20</small>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ -	\$ -	\$ -
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ -	\$ -	\$ -
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ -	\$ -	\$ -

Changes and Trends

There is no funding for this activity.

Budget Variances

There is no funding in this activity.

Major Budget Items for this activity include the following:

- None.

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

2.6 Other Acquisition and Restoration Activities - Acquisition and restoration activities not otherwise categorized above, such as capital improvement projects associated with administrative and operational facilities.

District Description

Acquisition and restoration activities not otherwise categorized above, such as capital improvement projects associated with administrative and operational facilities.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
PRELIMINARY BUDGET - Fiscal Year 2019-20

2.6 - Other Acquisition and Restoration Activities

Fiscal Year 2019-20						
	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)
Salaries and Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ -	\$ -	\$ -
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ -	\$ -	\$ -
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ -	\$ -	\$ -

Changes and Trends

There is no funding for this activity.

Budget Variances

There is no funding for this activity.

Major Budget Items for this activity include the following:

- None.

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

2.7 Technology and Information Services - This activity includes computer hardware and software, data lines, computer support and maintenance, IT consulting services, data centers, network operations, web support and updates, desktop support, and application development associated with this Program and related activities.

District Description

This activity includes computer hardware and software, data lines, computer support and maintenance, IT consulting services, data centers, network operations, web support and updates, desktop support, and application development associated with this Program and related activities.

Information technology items (salaries, contractors, hardware / software maintenance, and other operating costs) are directly charged to operational activities of district core functions where there is a clear linkage between the operational activity and the information technology system, application or staff that is used to support the operational activities.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

2.7 - Technology and Information Services

Fiscal Year 2019-20

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 791,804	\$ 1,008,003	\$ 909,282	\$ 937,023	\$ 936,419	\$ (604)	-0.1%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ 161,868	\$ 121,681	\$ 125,286	\$ 114,003	\$ 114,003	\$ -	0.0%
Operating Expenses	\$ 635,996	\$ 533,286	\$ 633,099	\$ 611,566	\$ 611,566	\$ -	0.0%
Operating Capital Outlay	\$ 7,047	\$ 11,858	\$ 14,040	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 1,596,715	\$ 1,674,828	\$ 1,681,707	\$ 1,662,592	\$ 1,661,988	\$ (604)	0.0%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 1,661,988	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,661,988

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 936,419	\$ -	\$ 936,419
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 114,003	\$ -	\$ 114,003
Operating Expenses	\$ 611,566	\$ -	\$ 611,566
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 1,661,988	\$ -	\$ 1,661,988

Changes and Trends

This sub-activity represents a continued level of service consistent with the past five years.

Budget Variances

The Fiscal Year 2019-20 Preliminary Budget represents a decrease of 0.04 (\$604) in Salaries and Benefits from the Fiscal Year 2018-19 Adopted Budget.

Major Budget Items for this activity include the following:

- Salaries and Benefits (\$936,419).

IV. PROGRAM ALLOCATIONS

- Contracted Services:
 - Computer consulting services for enterprise resource support and IT security (\$80,153).
- Operating Expenses:
 - Software maintenance (\$463,764).
 - Communication Service (\$72,989).
 - Hardware maintenance (\$44,813).

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

3.0 Operation and Maintenance of Lands and Works

This program includes all operation and maintenance of facilities, flood control and water supply structures, lands, and other works authorized by Chapter 373, F.S.

District Description

This program contains field operations, right-of-way, engineering and construction, land management, recreation and public use, upland and wetland species invasive management. Additional activities include canal/levy and aquatic plant management, stormwater treatment area operations, infrastructure management, facilities and hydrology/hydraulics and includes all operation and maintenance of facilities, flood control and water supply structures, lands, and other works authorized by Chapter 373, F.S.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
PRELIMINARY BUDGET - Fiscal Year 2019-20

3.0 Operation and Maintenance of Lands and Works

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 66,980,077	\$ 65,224,451	\$ 64,662,864	\$ 70,551,347	\$ 70,673,421	\$ 122,074	0.2%
Other Personal Services	\$ 5,160	\$ 52,599	\$ 45,233	\$ 104,036	\$ 104,036	\$ -	0.0%
Contracted Services	\$ 19,689,806	\$ 13,113,769	\$ 10,096,307	\$ 9,087,088	\$ 10,662,414	\$ 1,575,326	17.3%
Operating Expenses	\$ 59,720,609	\$ 59,645,873	\$ 74,257,118	\$ 85,879,539	\$ 98,191,166	\$ 12,311,627	14.3%
Operating Capital Outlay	\$ 6,853,970	\$ 7,200,708	\$ 9,234,037	\$ 12,466,028	\$ 24,873,463	\$ 12,407,435	99.5%
Fixed Capital Outlay	\$ 25,043,157	\$ 37,374,211	\$ 38,424,697	\$ 43,456,860	\$ 38,499,390	\$ (4,957,470)	-11.4%
Interagency Expenditures (Cooperative Funding)	\$ 845,744	\$ 554,971	\$ 578,983	\$ 636,789	\$ 607,907	\$ (28,882)	-4.5%
Debt	\$ 6,865,538	\$ -	\$ 225	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ 61,255,337	\$ 61,255,337	\$ -	0.0%
TOTAL	\$ 186,004,061	\$ 183,166,582	\$ 197,299,464	\$ 283,437,024	\$ 304,867,134	\$ 21,430,110	7.6%

SOURCE OF FUNDS

Fiscal Year 2019-20

	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Salaries and Benefits	\$ 68,024,520	\$ 558,598	\$ -	\$ -	\$ 59,608	\$ 2,030,695	\$ 70,673,421
Other Personal Services	\$ 104,036	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 104,036
Contracted Services	\$ 7,063,049	\$ 3,323,000	\$ -	\$ -	\$ 109,272	\$ 167,093	\$ 10,662,414
Operating Expenses	\$ 77,563,067	\$ 4,051,583	\$ -	\$ 229,200	\$ 9,724,728	\$ 6,622,588	\$ 98,191,166
Operating Capital Outlay	\$ 4,383,129	\$ 20,490,334	\$ -	\$ -	\$ -	\$ -	\$ 24,873,463
Fixed Capital Outlay	\$ 34,263,500	\$ 1,735,890	\$ -	\$ -	\$ 2,500,000	\$ -	\$ 38,499,390
Interagency Expenditures (Cooperative Funding)	\$ 607,907	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 607,907
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ 61,255,337	\$ -	\$ -	\$ -	\$ -	\$ 61,255,337
TOTAL	\$ 192,009,208	\$ 91,414,742	\$ -	\$ 229,200	\$ 12,393,608	\$ 8,820,376	\$ 304,867,134

RATE, OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Workforce	Rate (Salary without benefits)	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	750	\$ 47,470,935	\$ 70,673,421	\$ -	\$ 70,673,421
Other Personal Services	1	\$ 104,036	\$ 104,036	\$ -	\$ 104,036
Contracted Services	-	\$ -	\$ 7,148,342	\$ 3,514,072	\$ 10,662,414
Operating Expenses			\$ 82,260,229	\$ 15,930,937	\$ 98,191,166
Operating Capital Outlay			\$ 4,391,129	\$ 20,482,334	\$ 24,873,463
Fixed Capital Outlay			\$ 36,763,500	\$ 1,735,890	\$ 38,499,390
Interagency Expenditures (Cooperative Funding)			\$ 607,907	\$ -	\$ 607,907
Debt			\$ -	\$ -	\$ -
Reserves - Emergency Response			\$ -	\$ 61,255,337	\$ 61,255,337
TOTAL			\$ 201,948,564	\$ 102,918,570	\$ 304,867,134

WORKFORCE

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

WORKFORCE CATEGORY	Fiscal Year					Adopted to Preliminary 2018-19 to 2019-20	
	2015-16	2016-17	2017-18	2018-19	2019-20	Difference	% Change
Authorized Positions	751	754	758	750	750	-	0.00%
Contingent Worker	0	0	0	0	0	-	-
Other Personal Services	1	1	1	1	1	-	0.00%
Intern	0	0	0	0	0	-	-
Volunteer	0	0	0	0	0	-	-
TOTAL WORKFORCE	752	755	759	751	751	-	0.00%

IV. PROGRAM ALLOCATIONS

Changes and Trends

Salaries and Benefits decreased between Fiscal Year 2015-16 and Fiscal Year 2017-18 due to staff reallocation in support of new project initiatives within the agency. Some of the major decreases in Contracted Services and Fixed Capital Outlay between Fiscal Year 2015-16 to Fiscal Year 2017-18 are due to the pass-through funding for the CEMEX land acquisition funded with Lake Belt Mitigation. Increases and decreases within Contracted Services, Operating Expenses, Operating Capital Outlay and Fixed Capital Outlay between Fiscal Year 2015-16 and Fiscal Year 2017-18 are primarily due to the phases of projects within the O&M Refurbishment program as they move from planning, design and construction. The O&M Refurbishment program has also shown a steady increase over the last five years due to the aging systems infrastructure along with the ongoing commitment to implement refurbishment plans for operational and capital projects such as critical water control structures and pump stations. The program continues with over \$50 million allocated in the Fiscal Year 2019-20 Preliminary Budget for the prioritization of projects and activities critical to the strength and condition of the C&SF, STAs and BCB and continues to be a Governing Board core mission priority. Additionally, the decrease in Debt between Fiscal Year 2015-16 to Fiscal Year 2017-18 is due to the retirement of debt from the Water Management Lands Trust Fund.

For the Fiscal Year 2019-20 Preliminary Budget, one of the major increases in funding in this activity is tied to the C-139 Annex Restoration Project. Funding for the C-139 Annex Restoration Project varies from year to year as the project goes through its different phases of planning, design, and construction. Land management activities continue to be funded using ad valorem, mitigation, state revenues from the Land Acquisition Trust Fund, and lease revenues. Land Acquisition Trust Fund revenues have enabled the District to maintain the level of service by funding maintenance and land management needs. Lease revenue that is generated from lands acquired through the Save Our Everglades Trust Fund and generated using Federal grant funds is being used to support land management activities and reduce ad valorem expenditures.

Land management activities continue to be funded through a variety of sources including ad-valorem, mitigation funds, state revenues from the Land Acquisition Trust Fund and lease revenues. The Legislature has provided Land Acquisition Trust Fund for land management and vegetation management activities. This funding is located within Operating Expenses (\$2.2 million) and Contracted Services (\$114,295).

The Reserves for Emergency Response is \$61.3 million and is re-budgeted each year.

Additional new infrastructure coming online, due to CERP, NEEPP and Restoration Strategies projects completing construction, continues to affect the Operations and Maintenance of Lands and Works budget. Funding is needed for the overall operations and maintenance of the new sites along with staffing to support the new infrastructure. Over the next few years, major projects being completed are the C-44 STA and Pump Station, Caloosahatchee River (C-43) West Basin Storage Reservoir, Lakeside Ranch Phase 2, Lake Hicpochee, Picayune Strand Restoration along with several Restoration Strategies project completions. This new infrastructure will continue to have financial effects through all activities within 3.0.

Budget Variances

This program has a 7.6 percent (\$21.4 million) increase from the Fiscal Year 2018-19 Adopted Budget of \$283.4 million. The largest increase is in Operating Capital Outlay 99.5 percent (\$12.4

IV. PROGRAM ALLOCATIONS

million) and is primarily due to the additional Lake Belt Mitigation funds for the on-going design and construction on the C-139 Annex Restoration project, increases in Operating Expenses 14.3 percent (\$12.3 million) are primarily due to new works of the District coming online as well as ongoing repairs and maintenance of the C&SF System and O&M Refurbishment Program. Contracted Services increased 17.3 percent (\$1.6 million) primarily in support of multi-year needs for the Operations Decision Support System and the NAV88 upgrades. Fixed Capital Outlay has had an upward trend over the last three years as projects have moved from design to construction, as well as the pass-through funding for the CEMEX land acquisition completion. In the Fiscal Year 2019-20 Preliminary Budget, there is an overall decrease in Fixed Capital Outlay of 11.4 percent (\$5.0 million) which reflects the O&M Refurbishment Programs multi-year project cash flow requirements for design, construction and completion.

Major Budget Items for this program include the following:

- Salaries and Benefits (\$70.7 million) (750 FTEs).
- Other Personnel Services (\$104,036) (1 OPS).
- Projects in Appendix C under this program can be found in Appendix C of this budget as well as in each activity or sub-activity of this program (\$80.6 million).
- Reserves – Emergency Response (\$61.3 million).
- Contracted Services:
 - Telemetry & Electronics Maintenance (\$938,000).
 - Structure & Pump Station Maintenance (\$876,566).
 - Operations & Maintenance Program Support (\$563,840).
 - Computer consulting services (\$556,010).
 - Exotic / Aquatic plant control activities such as invasive plant monitoring and grass carp stocking (\$336,500).
 - Maintenance of Canals/Levees (\$230,948).
 - Movement of Water/Pumping Operations (\$189,240).
 - Right of way permitting support (\$163,752).
 - Land Acquisition Trust Fund revenue is funding land management activities (\$109,272).
- Operating Expenses:
 - Exotic / Aquatic plant control activities total (\$28.0 million) and are funded with \$14.4 million in District revenues (ad valorem and lease revenue), \$6.9 million in state revenue from FWC reimbursement funds and \$1.6 million Land Acquisition Trust Fund revenue state appropriation, \$1 million Alligator Alley tolls, \$2 million in Federal

IV. PROGRAM ALLOCATIONS

revenue and \$2.6 million in Reserves with restrictions and \$329,800 in Reserves without restrictions.

- Self-Insurance Programs (comprised of health insurance, workers compensation, property insurance, general liability) (\$13.3 million).
- Movement of Water/Pumping Operations (\$9.3 million).
- Operations & Maintenance C&SF New Initiatives (\$5.1 million) .
- Structure & Pump Station Maintenance (\$4.7 million).
- Maintenance of Canals/Levees (\$4.4 million).
- Fleet vehicle fuel usage in O&M activities (\$4.0 million).
- Software maintenance (\$2.5 million).
- The District is anticipating \$2 million in Federal funding from the U.S. Fish and Wildlife Service for lygodium & melaleuca treatments within the Loxahatchee Refuge.
- Maintenance of the C&SF and STA Structure Operations (\$2.0 million).
- Telemetry & Electronics Maintenance (\$1.4 million).
- Utilities (\$959,355).
- Recurring facility maintenance, inspection, and utility expenses such as air conditioning maintenance, elevator maintenance and exterior grounds maintenance (\$715,903).
- Electrical and general maintenance contractual services (\$619,903).
- Vehicle maintenance and repairs, parts and supplies, oils and lubricants (\$603,340).
- The District plans to continue partnerships with state agencies such as Florida Fish and Wildlife Conservation Commission (FWC) for enhanced patrols on District and project lands in the amount of (\$462,300).
- Operating Capital Outlay:
 - Structure & Pump Station Maintenance (\$496,502).
 - Replacement of laboratory equipment (\$103,600).
- Interagency Expenditures:
 - Exotic / Aquatic plant control activities (\$422,500).
 - Structure & Pump Station Maintenance (\$158,907).

IV. PROGRAM ALLOCATIONS

South Florida Water Management District
REDUCTIONS - NEW ISSUES
3.0 Operation and Maintenance of Lands and Works
Fiscal Year 2019-20
Preliminary Budget - January 15, 2019

FY 2018-19 Budget (Adopted)		750	\$	283,437,024	
Reductions					
Issue	Description	Issue Amount	Workforce	Category Subtotal	Issue Narrative
Salaries and Benefits					Salaries and Benefits has an overall net increase of \$122,074 due to an estimated increase in FRS Retirement Contribution.
1	Decrease in Total Fringe Benefits	(15,292)		(15,292)	
Other Personal Services					
Contracted Services					Contracted Services has an overall programmatic increase of \$1.6 million. The largest decreases shown were due to the FY2017-18 SCADA Stilling Well/Platform project and the FY2018-19 Inspection programs have moved into the next cyclical phase for FY2019-20.
2	Decrease in Cont Serv - Diving Services	(1,500)		(2,141,500)	
3	Decrease in CP FY18 SCADA Still Well/Platform (CS&F)	(400,000)			
4	Decrease in FY19 Inspection Programs (CS&F)	(1,740,000)			
Operating Expenses					Operating Expenses has an overall programmatic increase of \$12.3 million. The largest decreases shown were due to O&M Refurbishment projects scheduled to be completed for the C-100A Canal Rehabilitation Project, SCADA System Replacement, WPBFS Service Area PC Replacements, and the Gate Control Panel Replacement project. The FY2018-19 Pump Engine Overhaul, PC Culvert Replacement and Gate Overhaul projects move into the next cyclical phase for FY2019-20. The largest non project decrease is in Aquatic Spraying due to the funding being shifted to Terrestrial spraying.
5	Decrease in Cont Serv - Aquatic Spraying	(641,767)		(3,264,130)	
6	Decrease in Operating Expenses	(48)			
7	Decrease in Oper Expense - Freight	(615)			
8	Decrease in Oper Expense - Inventory Chemicals	(33,967)			
9	Decrease in Oper Expense - Other	(4)			
10	Decrease in Oper Expense - Parts and Supplies	(77,088)			
11	Decrease in Oper Expense - Parts,Supp - Agricultural	(590)			
12	Decrease in Oper Expense - Permits & Fees	(5,508)			
13	Decrease in Oper Expense - Rent/Lease Equipment	(37,553)			
14	Decrease in Oper Expense - Space Rental	(18,800)			
15	Decrease in Oper Expense - Payment in Lieu of Taxes	(65,298)			
16	Decrease in CP C-100A Canal Rehabilitation	(454,198)			
17	Decrease in CP WPBFS Service Area PC Replacements	(50,000)			
18	Decrease in CP Gate Control Panel Replacement	(450,000)			
19	Decrease in CP SCADA System Replacement	(78,180)			
20	Decrease in CP FY19 Pump Engine Overhaul C&SF/STA	(920,000)			
21	Decrease in CP FY19 PC Culvert In-Kind Replacements	(200,000)			
22	Decrease in CP FY19 Gate Overhaul Program C&SF/STA	(230,514)			
Operating Capital Outlay					Operating Capital Outlay has an overall programmatic increase of \$12.4 million. The largest decrease shown is in Capital Outlay - Equipment and Boats due to the reduction of the one-time funding for Equipment purchases. Decreases for Capital Outlay - AUC Design/Engineering as well as the decrease in S2-S8 Monitor Panel Updates are both related to projects in the O&M Refurbishment program as they shift from one phase to another.
23	Decrease in Capital Outlay - AUC Design/Engineering Contracts	(200,000)		(1,337,811)	
24	Decrease in Capital Outlay - Equipment	(1,035,311)			
25	Decrease in Capital Outlay - Boats	(52,500)			
26	Decrease in CP S2,S3,S4,S7,S8 Monitor Panel Updates	(50,000)			

IV. PROGRAM ALLOCATIONS

South Florida Water Management District
REDUCTIONS - NEW ISSUES
3.0 Operation and Maintenance of Lands and Works
Fiscal Year 2019-20
Preliminary Budget - January 15, 2019

Issue	Description	Reductions		Category Subtotal	Issue Narrative
		Issue Amount	Workforce		
Fixed Capital Outlay				(23,025,922)	Fixed Capital Outlay has an overall programmatic decrease of \$5.0 million. It's largest decrease comes from within the O&M Refurbishment program with projects as they are currently scheduled to move on to completion in FY2018-19. Capital Outlay - LIP Land decreased due the reduced need for Shingle Creek Wiling Sellers Acquisition and Capital Outlay - AUC Buildings shows as a reduction as the funding is now been allocated to the Okeechobee Field Station Replacement project in the FY2019-20 Preliminary Budget.
27	Decrease in Capital Outlay - AUC Buildings	(600,000)			
28	Decrease in Capital Outlay - LIP Land	(2,934,562)			
29	Decrease in Capital Outlay - AUC Improve Other Than Buildings	(65,000)			
30	Decrease in Capital Outlay - AUC Canals/Levees	(500,000)			
31	Decrease in S-12 Tower Relocation	(500,000)			
32	Decrease in Spillway Refurbishments S72/S75/S82	(4,500,000)			
33	Decrease in CP C-4 Canal Bank Improvements	(1,000,000)			
34	Decrease in S-151 Structure Replacement	(3,800,000)			
35	Decrease in CP S-140 Trash Rake	(1,600,000)			
36	Decrease in GG Canal Weir #4 Replacement	(1,646,360)			
37	Decrease in CP S-178 Automation	(750,000)			
38	Decrease in CP Culvert 8 Pump Attachment	(1,300,000)			
39	Decrease in CP L8 Dupuis Culverts	(1,825,000)			
40	Decrease in CP S-331 Pump Refurbishment	(510,000)			
41	Decrease in CP BCB Electrification	(1,300,000)			
42	Decrease in BCB Structures Monitorng & Control Upgr	(75,000)			
43	Decrease in FTL Field Station Overhead Crane Replacem	(120,000)			
Interagency Expenditures (Cooperative Funding)				(34,882)	Interagency Expenditures has an overall programmatic decrease of \$28,882 coming from the inter-agency gate overall program being reduced.
44	Decrease in Oper Expense - Interagency Public Univ	(34,882)			
Debt				-	
Reserves				-	
TOTAL REDUCTIONS				-	(29,819,537)

IV. PROGRAM ALLOCATIONS

**South Florida Water Management District
REDUCTIONS - NEW ISSUES
3.0 Operation and Maintenance of Lands and Works
Fiscal Year 2019-20
Preliminary Budget - January 15, 2019**

New Issues				
Issue	Description	Issue Amount	Workforce	Category Subtotal
Salaries and Benefits			-	137,366
1	Increase in Total Salaries and Wages	137,366		
Other Personal Services			0	-
Contracted Services				3,716,826
2	Increase in Cont Serv - Alligator Protection Services	2,364		
3	Increase in Cont Serv - External Provider	515,861		
4	Increase in Cont Serv - Lock Tender	7,723		
5	Increase in Cont Serv - Professional	118,000		
6	Increase in Cont Serv - Road Grading Services	1,047		
7	Increase in Cont Serv - IT Consulting Services	835,000		
8	Increase in Cont Serv - Non Capital Court and Filing Fees	1,500		
9	Increase in CP SCADA System Replacement	70,331		
10	Increase in Canal Conveyance Studies	50,000		
11	Increase in CP FY20 C&SF Still Well/Platform	600,000		
12	Increase in FY20 SIP Inspection Program (C&SF)	890,000		
13	Increase in FY20 SIP Inspection Program (STA)	625,000		
Operating Expenses				15,575,757
14	Increase in Cont Serv - Equipment Inspections	3,099		
15	Increase in Cont Serv - General Maintenance	91,059		
16	Increase in Cont Serv - Janitorial Services	1,000		
17	Increase in Cont Serv - Land Management	485,740		
18	Increase in Cont Serv - Maint & Repairs - District Works	82,352		
19	Increase in Cont Serv - Maint & Repairs - Vehicles	1,669		
20	Increase in Cont Serv - Maintenance and Repairs	719,179		
21	Increase in Cont Serv - Maintenance Repairs - Environmental	19,900		
22	Increase in Cont Serv - Maintenance Repairs - Equipment	1,536		
23	Increase in Cont Serv - Mowing-Canals/Levees	48,469		
24	Increase in Cont Serv - Mowing-Field/Pump Stations	30,446		
25	Increase in Cont Serv - Security Services	9,500		
26	Increase in Cont Serv - Surveying Services	150,000		
27	Increase in Cont Serv - Terrestrial Spraying	4,029,284		
28	Increase in Cont Serv - Waste Disposal Services	8,925		
29	Increase in Oper Expense - Construction Materials	6,403		
30	Increase in Oper Expense - District Travel	9,300		
31	Increase in Oper Expense - District Uniforms	8,233		
32	Increase in Oper Expense - Electrical Service	342,112		
33	Increase in Oper Expense - Inventory Oils/Lubricants/Solvents	7,543		
34	Increase in Oper Expense - Inventory Other Fuels	13,867		
35	Increase in Oper Expense - Inventory Parts and Supplies	225,703		
36	Increase in Oper Expense - Other Fees	1,000		
37	Increase in Oper Expense - Parts, Supp - Water Control Struct	5,129,509		
38	Increase in Oper Expense - Parts, Supp - Build & Ground Equip	13,812		
39	Increase in Oper Expense - Parts, Supp - Electrical/Electronic	12,369		
40	Increase in Oper Expense - Parts, Supp - Fleet	30,371		
41	Increase in Operating Expenses	2,284		
42	Increase in Oper Expense - Utilities	86,100		
43	Increase in Oper Expense - Water/Sewer Service	11,000		
44	Increase in Oper Expense - Liquid Propane Fuel	7,699		
45	Increase in Oper Expense - Tools/Equipment/PPE	22,998		
46	Increase in Oper Expense - Waste Disposal Fees	1,032		
47	Increase in Oper Expense - Parts, Supp - Security Equipment	10,250		
48	Increase in G420, G420S & G422 Modifications	1,000,000		
49	Increase in CP Fall Protection Improvemnts	150,000		
50	Increase in CP S40 S41 S44 Gate/Lift Hoist Replcmnt	500,000		

Salaries and Benefits has an overall net increase of \$122,074 due to an estimated increase in FRS Retirement Contribution.

Contracted Services has an overall programmatic increase of \$1.6 million. The largest increases shown are due to the FY2019-20 portion of the Districts Inspection Programs and SCADA Stilling Well/Platform projects. Additional funds in IT Consulting Services have been allocated for the multi-year needs of the Vertical Datum-NAV88 upgrades and the Operations Decision Support System. Increases to External Provider is in support of the new works for monitoring coming online at Picayune Strand.

Operating Expenses has an overall programmatic increase of \$12.3M. Increases shown for this category include Parts, Supplies - Water Control Structures, Maintenance and Repairs, Inventory - Parts & Supplies all for the ongoing repairs and refurbishment of the C&SF system. Other large increases in Contractual Services - Terrestrial Spraying include the additional funding for new works coming online in the Picayune Strand Restoration 55,000 acre project footprint. Electrical Service and Utilities increases due to additional new works coming online. Additional increases are for the O&M Refurbishment Program for continued construction on the G-420, G-420S and G-422 Modifications, S40/S41/S44 Gate/Lift Hoist Replacement, the Microwave Tower Structural Repairs, Fall Protection Program, ongoing work on the G370/G372 Communication Tower Grounding Modifications and the FY2019-20 portion of the Gate Overhaul, Pump Engine Overhaul and PC Culvert In-Kind Replacement Program.

IV. PROGRAM ALLOCATIONS

South Florida Water Management District
REDUCTIONS - NEW ISSUES
3.0 Operation and Maintenance of Lands and Works
Fiscal Year 2019-20
Preliminary Budget - January 15, 2019

New Issues				
Issue	Description	Issue Amount	Workforce	Category Subtotal
Operating Expenses				
51	Increase in CP S40 S41 S44 Gate/Lift Hoist Replcmnt	500,000		
52	Increase in CP G370, G372 Comm Tower Grounding Mods	674,000		
53	Increase in CP Project Culvert Replacements	50,000		
54	Increase in FY20 Pump Engine Overhaul Program	920,000		
55	Increase in CP FY20 Culvert In-Kind Replacements	200,000		
56	Increase in CP FY20 Gate Overhaul Program C&SF	292,145		
57	Increase in CP FY20 Gate Overhaul Program STA	65,869		
58	Increase in CP Microwave Tower Structural Repairs	100,000		
Operating Capital Outlay				
59	Increase in Capital Outlay - Equipment Water Measurement	8,000		13,745,246
60	Increase in Capital Outlay - Vehicles	148,000		
61	Increase in C-139 Annex Restoration Project	13,000,000		
62	Increase in CP S169 Relocation - Planning and Design	539,246		
63	Increase in CP S-49 Major Refurbishment	50,000		
Fixed Capital Outlay				
64	Increase in Capital Outlay - AUC Water Control Structures	600,000		18,068,452
65	Increase in S319 Automatic Transfer Switch Replace	2,500,000		
66	Increase in CP S5A Refurbishment	49,198		
67	Increase in CP FAES Tower Replacement	450,000		
68	Increase in CP Shelters (IT) 8	980,000		
69	Increase in CP S331 S332BCD S356 S357 Comm Sys Upgrade	3,250,000		
70	Increase in CP S135 By-Pass Culvert Rpr & Dike Replc	405,000		
71	Increase in CP Homestead FS Buildings Replacement	5,451,146		
72	Increase in CP Okeechobee FS Admin Bldg Replacement	1,400,000		
73	Increase in WPB FS Maintenance Systems Replacements	483,108		
74	Increase in Nubbin Slough STA Repair	2,500,000		
Interagency Expenditures (Cooperative Funding)				
75	Increase in Oper Expense - Interagency State of FL	6,000		6,000
Debt				
Reserves				
TOTAL NEW ISSUES			0	35,673,890
3.0 Operation and Maintenance of Lands and Works			750	\$ 289,291,377

IV. PROGRAM ALLOCATIONS

3.1 Land Management - Maintenance, custodial, and restoration efforts for lands acquired through federal, state and locally sponsored land acquisition programs.

District Description

Maintenance, custodial, public use improvements, and restoration efforts for lands acquired through Save Our Rivers, Preservation 2000, Florida Forever, or other land acquisition programs. The District manages lands in accordance with the objectives of the state's Save Our Rivers and Florida Forever programs and in accordance with section 373.1391, F.S. There are two major land management initiatives:

- Conservation Lands - The Conservation lands management objectives require that these lands be restored to and maintained in a native state and condition and be available for resource-based recreation such as hiking, camping, horseback riding, boating, hunting and fishing. The maintenance and restoration need for these properties usually involve the control of invasive exotic vegetation, removal of ditches and levees needed to restore the natural flow of water, utilization of prescribed fire, and the control of woody vegetation through mechanical means as necessary to restore and manage native plant communities. In areas of severe degradation, habitats may be restored through the direct planting of native plant species.
- Water Resource Project Lands - Interim land management responsibilities for water resource project lands is to provide basic land management services for properties acquired by the District for future water resource projects, including CERP and other projects until the land is needed for construction. These lands will ultimately be used as stormwater treatment areas, surface water reservoirs, ground water recharge areas, and / or buffer lands between constructed projects and lands under private ownership. These lands are not specifically acquired or designated for environmental enhancement, restoration or preservation purposes, and generally have limited recreational value due to previous and sometimes on-going agricultural use.

IV. PROGRAM ALLOCATIONS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

3.1 - Land Management

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 4,358,793	\$ 4,237,349	\$ 4,668,514	\$ 4,454,792	\$ 4,461,866	\$ 7,074	0.2%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ 11,292,490	\$ 2,484,801	\$ 3,079,915	\$ 1,359,466	\$ 1,667,059	\$ 307,593	22.6%
Operating Expenses	\$ 2,691,635	\$ 2,200,762	\$ 2,892,113	\$ 4,227,806	\$ 4,248,218	\$ 20,412	0.5%
Operating Capital Outlay	\$ 251,268	\$ 283,659	\$ 164,442	\$ 4,000,000	\$ 17,000,000	\$ 13,000,000	325.0%
Fixed Capital Outlay	\$ 1,637,575	\$ 5,240,833	\$ 562,310	\$ 3,335,452	\$ 335,890	\$ (2,999,562)	-89.9%
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ 6,865,538	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 27,097,299	\$ 14,447,404	\$ 11,367,294	\$ 17,377,516	\$ 27,713,033	\$ 10,335,517	59.5%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 7,457,704	\$ 19,655,488	\$ -	\$ 15,000	\$ 355,272	\$ 229,569	\$ 27,713,033

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 4,461,866	\$ -	\$ 4,461,866
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 967,059	\$ 700,000	\$ 1,667,059
Operating Expenses	\$ 3,213,122	\$ 1,035,096	\$ 4,248,218
Operating Capital Outlay	\$ -	\$ 17,000,000	\$ 17,000,000
Fixed Capital Outlay	\$ -	\$ 335,890	\$ 335,890
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 8,642,047	\$ 19,070,986	\$ 27,713,033

Changes and Trends

The decreases in Contracted Services and Fixed Capital Outlay between Fiscal Year 2015-16 to Fiscal Year 2017-18 are due to the budgeting and expending of the pass-through funding for the CEMEX land acquisition funded with Lake Belt Mitigation. Additionally, the decrease in Debt between Fiscal Year 2015-16 and Fiscal Year 2016-17 is due to the retirement of debt from the Water Management Lands Trust Fund.

For the Fiscal Year 2019-20 Preliminary Budget, one of the major increases is in Operating Capital Outlay which is tied the C-139 Annex Restoration Project. Funding for the C-139 Annex Restoration Project has increased over the last two years as the project goes through its different phases of planning, design, and construction. Land management activities continue to be funded using ad valorem, mitigation, state revenues from the Land Acquisition Trust Fund, and lease revenues. Land Acquisition Trust Fund revenues have enabled the District to maintain the level of service by funding maintenance and land management needs. Lease revenue generated from lands acquired through the Save Our Everglades Trust Fund and Federal grant funds is being used to support land management activities so that existing ad valorem funds can be used in support of other District priorities.

Budget Variances

This activity has a 59.5 percent (\$10.3 million) increase from the Fiscal Year 2018-19 Adopted Budget of \$17.4 million. This is primarily due to a net increase of 325 percent (\$13 million) in Operating Capital Outlay for the continued construction work on the C-139 Annex Restoration (\$17 million), and a 22.6 percent (\$307,593) in Contracted Services due to new works for Picayune Strand monitoring coming online. The increases were offset by 89.9 percent (\$3 million) decrease in Fixed Capital Outlay primarily due to the reduction in acquisition funds for Shingle Creek willing sellers.

IV. PROGRAM ALLOCATIONS

Major Budget Items for this activity include the following:

- Salaries and Benefits (\$4.5 million).

Appendix C includes projects that are funded with Salaries and Benefits (included in the salaries and benefits number above), Fixed Capital Outlay, Operating Capital Outlay and Operating Expenses.

Project Title	Salaries and Benefits	Contracted Services	Operating Expenses	Operating Capital Outlay	Fixed Capital Outlay	Interagency Expenditures	Grand Total
C-139 Annex Restoration	\$ 484,643	\$ -	\$ 1,500,000	\$ 17,000,000	\$ -	\$ -	\$ 18,984,643
Lake Belt Land Acquisition Mitigation	\$ -	\$ -	\$ -	\$ -	\$ 335,890	\$ -	\$ 335,890
Grand Total	\$ 484,643	\$ -	\$ 1,500,000	\$ 17,000,000	\$ 335,890	\$ -	\$ 19,320,533

The Following are the other Major Budget items not included in Appendix C:

- Contracted Services:
 - Land Acquisition Trust Fund revenue is funding land management activities (\$109,272).
- Operating Expenses:
 - The District plans to continue partnerships with state agencies such as Florida Fish and Wildlife Conservation Commission (FWC) for enhanced patrols on District and project lands in the amount of (\$462,300).
 - Land Acquisition Trust Fund revenue is funding land management activities (\$196,000).

Items funded with Reserves with restrictions include on-going work funded with Lake Belt Mitigation for C-139 Annex Restoration project and pass-through funding to the Miami-Dade Limestone Products Association for Dade-Broward levee repair and monitoring, as well as prior year Wetlands Mitigation, lease revenue funds for public use and security, restoration, monitoring and vegetation management, land acquisition and appraisal for leases.

IV. PROGRAM ALLOCATIONS

3.2 Works - The maintenance of flood control and water supply system infrastructure, such as canals, levees, and water control structures. This includes electronic communication and control activities.

District Description

The maintenance of flood control and water supply system infrastructure, such as canals, levees, and water control structures. This includes electronic communication and control activities.

The expanded works of the District are an integral part of the operations and maintenance of the C&SF Project, STA, BCB and the operations of new facilities and structures from completed CERP and Restoration Strategies projects. The District's operations and maintenance consists of activities to effectively manage the primary canals and associated structures in South Florida. Operation and maintenance program activities include the C&SF Project, as well as the Big Cypress Basin, as authorized by Chapter 373 F.S. and the USACE. Activities include the operation and maintenance of a multi-purpose water management system comprising 4,098 miles of canals and levees, 692 water control structures and weirs, 77 pumping stations and 621 smaller project culverts, which send water south and through waterways eastward and westward to both coasts.

Most portions of the system were constructed 30-50 years ago and are reaching the end of their design life. Consequently, major refurbishment of various components of the Flood Control Project will be required to sustain the viability of the system.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
PRELIMINARY BUDGET - Fiscal Year 2019-20
3.2 - Works

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary - Adopted)	% of Change (Preliminary - Adopted)
Salaries and Benefits	\$ 46,253,477	\$ 45,138,077	\$ 44,224,315	\$ 48,563,872	\$ 48,519,687	\$ (44,185)	-0.1%
Other Personal Services	\$ 3,360	\$ 19,982	\$ 5,770	\$ -	\$ -	\$ -	
Contracted Services	\$ 7,320,081	\$ 9,177,699	\$ 5,468,365	\$ 6,383,074	\$ 7,459,976	\$ 1,076,902	16.9%
Operating Expenses	\$ 30,453,993	\$ 31,662,305	\$ 42,998,213	\$ 44,424,882	\$ 53,658,623	\$ 9,233,741	20.8%
Operating Capital Outlay	\$ 5,936,664	\$ 6,187,325	\$ 8,201,807	\$ 8,272,428	\$ 7,767,363	\$ (505,065)	-6.1%
Fixed Capital Outlay	\$ 23,405,582	\$ 32,133,378	\$ 37,862,387	\$ 40,121,408	\$ 38,163,500	\$ (1,957,908)	-4.9%
Interagency Expenditures (Cooperative Funding)	\$ 405,137	\$ 282,228	\$ 268,889	\$ 158,907	\$ 158,907	\$ -	0.0%
Debt	\$ -	\$ -	\$ 225	\$ -	\$ -	\$ -	
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ 61,255,337	\$ 61,255,337	\$ -	0.0%
TOTAL	\$ 113,778,294	\$ 124,600,994	\$ 139,029,971	\$ 209,179,908	\$ 216,983,393	\$ 7,803,485	3.7%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 140,362,333	\$ 68,794,671	\$ -	\$ 214,200	\$ 3,450,000	\$ 4,162,189	\$ 216,983,393

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 48,519,687	\$ -	\$ 48,519,687
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 4,804,656	\$ 2,655,320	\$ 7,459,976
Operating Expenses	\$ 39,854,787	\$ 13,803,836	\$ 53,658,623
Operating Capital Outlay	\$ 4,285,029	\$ 3,482,334	\$ 7,767,363
Fixed Capital Outlay	\$ 36,763,500	\$ 1,400,000	\$ 38,163,500
Interagency Expenditures (Cooperative Funding)	\$ 158,907	\$ -	\$ 158,907
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ 61,255,337	\$ 61,255,337
TOTAL	\$ 134,386,566	\$ 82,596,827	\$ 216,983,393

Changes and Trends

Salaries and Benefits decreased between Fiscal Year 2015-16 and Fiscal Year 2017-18 due to staff reallocation in support of new project initiatives within the agency. Increases and decreases

IV. PROGRAM ALLOCATIONS

within Contracted Services, Operating Expenses, Operating Capital Outlay and Fixed Capital Outlay between Fiscal Year 2015-16 and Fiscal Year 2017-18 are primarily due to the phases of projects within the O&M Refurbishment program as they move from planning, design and construction. The O&M Refurbishment program has also shown a steady increase over the last five years due to the aging systems infrastructure along with the ongoing commitment to implement refurbishment plans for operational and capital projects such as critical water control structures and pump stations. The program continues with over \$50 million allocated in the Fiscal Year 2019-20 Preliminary Budget for the prioritization of projects and activities critical to the strength and condition of the C&SF, STAs and BCB and continues to be a Governing Board core mission priority.

New projects that have completed construction and the operations and maintenance of that new infrastructure (new works) have been steadily increasing our recurring expenditures over the past five years and the Reserves for Emergency Response is re-budgeted each year.

Budget Variances

This activity has a 3.7 percent (\$7.8 million) increase from the Fiscal Year 2018-19 Adopted Budget of \$209.2 million. The largest increase is in Operating Expenses 20.8 percent (\$9.2 million) which is primarily due to the additional funding needed for the operations and maintenance of the new works projects coming online and additional funding for the maintenance and repair of the C&SF system and Operations and Maintenance Refurbishment program. Contracted Services increased 16.9 percent (\$1.1 million) primarily due to the cash flow requirement of the Operations Decision Support System project. Decreases in Fixed Capital Outlay 4.9 percent (\$2.0 million) and Operating Capital Outlay 6.1 percent (\$505,065) are primarily due to the shift in spending categories tied to the projects that are part of the Operations and Maintenance Refurbishment program, funding for Heavy Equipment, the cash flow requirement for the Okeechobee Field Station Replacement and the Nubbin Slough STA Repair project. As the projects move from design and construction to completion, spending categories change. Projects are also categorized as expense versus capital each year as the program is prioritized.

Major Budget Items for this activity include the following:

- Salaries and Benefits (\$48.5 million).

Appendix C includes projects that are funded with Salaries and Benefits (included in the salaries and benefits number above), Contracted Services, Fixed Capital Outlay, Operating Capital Outlay and Operating Expenses.

IV. PROGRAM ALLOCATIONS

Project Title	Salaries and Benefits	Contracted Services	Operating Expenses	Operating Capital Outlay	Fixed Capital Outlay	Interagency Expenditures	Grand Total
BCB Structures Monitoring & Control Upgrades	\$ 27,568	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ 527,568
C&SF & STA Pump Station Engine/Pump Engine Overhaul Program	\$ -	\$ -	\$ 920,000	\$ -	\$ -	\$ -	\$ 920,000
C-40 Dredging and Bank Stabilization	\$ 69,077	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 569,077
Canal Conveyance Studies	\$ 167,480	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 467,480
FAES Tower	\$ 69,351	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ 569,351
Fall Protection Program	\$ 126,580	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 276,580
Flood Protection Level of Service (FPLOS)	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000
G-310/G-335 Trash Rake Replacement	\$ 61,601	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 111,601
G-370/G-372 Communication Tower Grounding Modifications	\$ 20,031	\$ -	\$ 924,000	\$ -	\$ -	\$ -	\$ 944,031
G-420 and G-420S Modifications	\$ 51,484	\$ -	\$ 1,750,000	\$ -	\$ -	\$ -	\$ 1,801,484
G-93 New Control Building (Planning)	\$ 30,348	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ 230,348
Gate Control Panel Replacement	\$ 21,068	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 71,068
Gate Overhaul Program (C&SF)	\$ -	\$ -	\$ 292,145	\$ -	\$ -	\$ -	\$ 292,145
Gate Overhaul Program (STA's)	\$ -	\$ -	\$ 65,869	\$ -	\$ -	\$ -	\$ 65,869
Generator Replacement Program	\$ 10,998	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 310,998
Homestead Field Station Building Replacements	\$ 75,339	\$ -	\$ -	\$ -	\$ 5,800,000	\$ -	\$ 5,875,339
Inspection Programs (CS&F)	\$ -	\$ 890,000	\$ -	\$ -	\$ -	\$ -	\$ 890,000
Inspection Programs-Stormwater Treatment Area	\$ -	\$ 625,000	\$ -	\$ -	\$ -	\$ -	\$ 625,000
IT Shelters (Southern Region)	\$ 193,823	\$ -	\$ -	\$ -	\$ 2,980,000	\$ -	\$ 3,173,823
L-8 Dupuis Culvert Replacements	\$ 39,041	\$ -	\$ -	\$ -	\$ 675,000	\$ -	\$ 714,041
Microwave Tower Structural Repairs	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
NAVD88	\$ 88,594	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 688,594
Nubbin Slough STA Repair	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000	\$ -	\$ 2,500,000
Okeechobee Field Station Relocation	\$ 12,161	\$ -	\$ -	\$ -	\$ 1,400,000	\$ -	\$ 1,412,161
Other BCB Capital Projects	\$ -	\$ -	\$ 1,821,000	\$ -	\$ 1,000,000	\$ -	\$ 2,821,000
Project Culvert Replacements	\$ 203,249	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 253,249
Project Culvert Replacements and Removals Program	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000
S-135 By-Pass Culvert Abandonment	\$ -	\$ -	\$ -	\$ -	\$ 605,000	\$ -	\$ 605,000
S-169 Relocation Planning & Design	\$ 114,283	\$ -	\$ -	\$ 2,539,246	\$ -	\$ -	\$ 2,653,529
S-178 Gate Replacement & Automation/S-197 Automation	\$ 82,039	\$ -	\$ -	\$ -	\$ 800,000	\$ -	\$ 882,039
S2, S3, S4 Pump Refurbishment	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000
S-319 Automatic Transfer Switch Replacement	\$ 52,433	\$ -	\$ -	\$ -	\$ 2,500,000	\$ -	\$ 2,552,433
S-331 South Dade Conveyance System Communication System Upgrades (Command Control Center)	\$ 75,676	\$ -	\$ -	\$ -	\$ 4,000,000	\$ -	\$ 4,075,676
S-332 B/C	\$ -	\$ -	\$ -	\$ 3,482,334	\$ -	\$ -	\$ 3,482,334
S-40/S-41/S-44 Refurbishments	\$ 57,840	\$ -	\$ 4,000,000	\$ -	\$ -	\$ -	\$ 4,057,840
S-49 Refurbishment	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000
S-5A Pump Station Refurbishment	\$ 88,380	\$ -	\$ -	\$ -	\$ 14,000,000	\$ -	\$ 14,088,380
S-65D Refurbishment	\$ 78,477	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 128,477
S-9 and S-9A Trash Rake and Pump Station Refurbishments	\$ 55,942	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 105,942
SCADA Stilling Well/Platforms Replacements (C&SF)	\$ 112,367	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 712,367
West Palm Beach Field Station Maintenance Systems Replacements	\$ -	\$ -	\$ -	\$ -	\$ 803,500	\$ -	\$ 803,500
Grand Total	\$ 1,985,230	\$ 3,615,000	\$ 11,173,014	\$ 6,321,580	\$ 38,163,500	\$ -	\$ 61,258,324

The Following are the other Major Budget items not included in Appendix C:

- Contracted Services:
 - Movement of Water/Pumping Operations (\$189,240).
 - Maintenance of the C&SF and STA Structure Operations (\$5,307).
 - Structure & Pump Station Maintenance (\$876,566).

IV. PROGRAM ALLOCATIONS

- Maintenance of Canals/Levees (\$230,948).
- Telemetry & Electronics Maintenance (\$938,000).
- Operations & Maintenance Program Support (\$563,840).
- Operating Expenses:
 - Self-Insurance Programs (comprised of health insurance, workers compensation, property insurance, general liability) (\$13.3 million).
 - Movement of Water/Pumping Operations (\$9.3 million).
 - Operations & Maintenance C&SF New Initiatives (\$5.1 million).
 - Structure & Pump Station Maintenance (\$4.7 million).
 - Maintenance of Canals/Levees (\$4.4 million).
 - Maintenance of the C&SF and STA Structure Operations (\$2.0 million).
 - Telemetry & Electronics Maintenance (\$1.4 million).
- Operating Capital Outlay:
 - Structure & Pump Station Maintenance (\$496,502).
- Interagency Expenditures:
 - Structure & Pump Station Maintenance (\$158,907).
- Reserves – Emergency Response:
 - Hurricane/Emergency Reserve (\$61.3 million): With our core mission of flood control and the importance of being able to provide for emergency response, the District is exposed to risks that could potentially limit and/or divert resources from other core missions, thereby reducing the level of service provided to its constituents. The purpose of these Reserves is to set aside funding to address unforeseen and unexpected events and emergencies and to meet unforeseen demand in service delivery costs or unexpected expenditure increases related to flood control and emergency response. These funds are included in the District budget each year in the Reserves category.

The utilization of the Hurricane/Emergency Reserve is limited to the following circumstances:

- When a state of emergency is declared by the Governor of Florida or the President of the United States,
- The Governing Board determines through a resolution that an emergency or other circumstance has arisen,

IV. PROGRAM ALLOCATIONS

- The emergency or unanticipated need directly impacts the citizens and / or environment within District boundaries, or
- Structural emergencies for which remedial action cannot wait until the next fiscal year. The Hurricane / Emergency Reserve shall not be appropriated for recurring expenditures or other expenditures that can be addressed through the normal budgeting process.

Items funded with Reserves with restrictions include: The Hurricane/Emergency Reserve and the S-332 B/C Pump Station Design.

Items funded with Reserves without restrictions include: Canal Conveyance Program, Flood Protection Level of Service, Okeechobee Field Station Replacement, Vertical Datum Upgrade, Operations Decision Support System and equipment for the Picayune Strand-Merritt Pump Station.

IV. PROGRAM ALLOCATIONS

3.3 Facilities - The operation and maintenance of District support and administrative facilities.

District Description

The operation and maintenance of District support and administrative facilities. This activity includes management and maintenance of both owned and leased administrative buildings for the purposes of operating and maintaining District lands and works. Included in these services is maintenance of the work environment and space management. The mission is to provide expertly managed facilities and the delivery of timely, cost effective services, supplies and solutions that enhance accountability and support the accomplishment of the agency's mission.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
PRELIMINARY BUDGET - Fiscal Year 2019-20

3.3 - Facilities

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 752,522	\$ 749,686	\$ 797,166	\$ 620,944	\$ 627,984	\$ 7,040	1.1%
Other Personal Services	\$ 1,800	\$ 32,617	\$ 38,632	\$ 96,000	\$ 96,000	\$ -	0.0%
Contracted Services	\$ 64,920	\$ 116,897	\$ 164,643	\$ 73,200	\$ 73,200	\$ -	0.0%
Operating Expenses	\$ 3,153,280	\$ 3,045,989	\$ 3,561,902	\$ 3,143,680	\$ 3,143,680	\$ -	0.0%
Operating Capital Outlay	\$ 29,899	\$ 26,768	\$ 58,552	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 4,002,421	\$ 3,971,957	\$ 4,620,895	\$ 3,933,824	\$ 3,940,864	\$ 7,040	0.2%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 3,940,864	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,940,864

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 627,984	\$ -	\$ 627,984
Other Personal Services	\$ 96,000	\$ -	\$ 96,000
Contracted Services	\$ 73,200	\$ -	\$ 73,200
Operating Expenses	\$ 3,143,680	\$ -	\$ 3,143,680
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 3,940,864	\$ -	\$ 3,940,864

Changes and Trends

This activity represents a continued level of service over the five-year period.

Budget Variances

This activity has a 0.2 percent (\$7,040) increase from the Fiscal Year 2018-19 Adopted Budget of \$3.9 million. Increase is due to Salaries and Benefits increasing by 1.1 percent (\$7,040) primarily due to an estimated increase in FRS retirement contributions.

Major Budget Items for this activity include the following:

- Salaries and Benefits (\$627,984).
- Other Personnel Services – Headquarters maintenance contract (\$96,000).
- Contracted Services – Reconfiguration and installation services (\$73,200).

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- Operating Expenses:
 - Recurring facility maintenance, inspection, and utility expenses such as air conditioning maintenance, elevator maintenance and exterior grounds maintenance (\$715,903).
 - Janitorial services and waste disposal services (\$528,252).
 - Utilities (\$959,355).
 - Electrical and general maintenance contractual services (\$619,903).
 - Building lease payments for the service centers and warehouse storage (\$171,000).

There are no items funded with Reserves in this activity.

IV. PROGRAM ALLOCATIONS

3.4 Invasive Plant Control - The treatment of invasive upland and aquatic plants in District waterways or district-owned property, to improve water abatement, maintain navigability, improve water quality, or aid in the preservation, restoration, or protection of environmentally sensitive lands.

District Description

The treatment of invasive upland and aquatic plants in District waterways or District-owned property, to improve water abatement, maintain navigability, improve water quality, or aid in the preservation, restoration, or protection of environmentally sensitive lands. This activity manages invasive exotic and aquatic vegetation within Florida sovereign submerged lands (including lakes, rivers, and wetlands) and District properties including canals, lakes, and right-of-way's, of the Central and Southern Florida Flood Control Project, STAs and conservation and project lands. This maintenance is accomplished through in-house and contract herbicidal, mechanical, and biological control methods. This activity works primarily to ensure conveyance capacity within canals and water bodies and provides for the continued surveillance of water bodies and lands for early detection and control of invasive plants.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
PRELIMINARY BUDGET - Fiscal Year 2019-20
3.4 - Invasive Plant Control

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 4,235,987	\$ 3,984,040	\$ 3,421,615	\$ 4,225,722	\$ 4,227,915	\$ 2,193	0.1%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ 284,874	\$ 427,224	\$ 564,983	\$ 336,500	\$ 461,500	\$ 125,000	37.1%
Operating Expenses	\$ 16,534,650	\$ 15,992,375	\$ 16,445,504	\$ 24,781,788	\$ 27,890,766	\$ 3,108,978	12.5%
Operating Capital Outlay	\$ 52,783	\$ -	\$ 188,702	\$ 98,000	\$ 2,500	\$ (95,500)	-97.4%
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ 421,766	\$ 264,829	\$ 302,511	\$ 422,500	\$ 422,500	\$ -	0.0%
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 21,530,060	\$ 20,668,468	\$ 20,923,315	\$ 29,864,510	\$ 33,005,181	\$ 3,140,671	10.5%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 17,031,644	\$ 2,956,583	\$ -	\$ -	\$ 8,588,336	\$ 4,428,618	\$ 33,005,181

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 4,227,915	\$ -	\$ 4,227,915
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 461,500	\$ -	\$ 461,500
Operating Expenses	\$ 26,812,777	\$ 1,077,989	\$ 27,890,766
Operating Capital Outlay	\$ 2,500	\$ -	\$ 2,500
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ 422,500	\$ -	\$ 422,500
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 31,927,192	\$ 1,077,989	\$ 33,005,181

Changes and Trends

Vegetation management operations have historically been outsourced for all conservation land management activities and conducted in-house by field station staff for all C&SF project works. Over time, as Everglades Construction Project components have come online, field station staff that support the C&SF works invasive plant control have been increasingly re-directed to assist with the operations of the ECP Stormwater Treatment Areas, resulting in more outsourcing of invasive plant control activities. As more new works come online, there should be corresponding net increases in required vegetation management operations. The District has continued support in state funding from Florida Fish and Wildlife Conservation Commission (FWC) Bureau of Invasive Plant Management for aquatic plant management activities in

IV. PROGRAM ALLOCATIONS

sovereign waters and for upland exotic management on conservation lands managed by the District's Vegetation Management Section.

Between Fiscal Year 2015-16 and Fiscal Year 2017-18 Operating Capital Outlay actual expenditures increased due to the Agency Vegetation Action Tracking and Reporting (AVATAR) Project that replaced the legacy WeedDaR application providing significant business efficiencies and automation of standard tasks. Contracted Services actual expenditures between Fiscal Year 2015-16 and Fiscal Year 2017-18 also increased as a result of new works coming online causing expenditures to increase along with the added vegetation management. Additionally, in the Fiscal Year 2019-20 Preliminary Budget, the District is anticipating an additional \$2 million in Federal funds from the U.S. Fish & Wildlife Service for the Loxahatchee Refuge. For the Fiscal 2019-20 Preliminary Budget, one of the major increases in funding in this activity is Operating Expenses which support new works for Picayune Strand.

Budget Variances

This activity has a 10.5 percent (\$3.1 million) increase from the Fiscal Year 2018-19 Adopted Budget of \$29.9 million. This is primarily due to a net increase of 37.1 percent (\$125,000) in Contracted Services, and 12.5 percent (\$3.1 million) in Operating Expenses, of which is for new works coming online for the Picayune Strand Restoration project footprint. The increases were offset by a 97.4 percent (\$95,500) decrease in Operating Capital Outlay primarily due to the reduction in one-time equipment purchases. There is a continuation to use wetlands mitigation and lease revenues to support exotic plant control.

Major Budget Items for this activity include the following:

- Salaries and Benefits (\$4.2 million).
- Contracted Services:
 - Exotic / Aquatic plant control activities such as invasive plant monitoring and grass carp stocking (\$336,500).
 - Python Elimination Program (\$125,000).
- Operating Expenses:
 - The District is anticipating \$2 million in Federal funding from the U.S. Fish and Wildlife Service for lygodium & melaleuca treatments within the Loxahatchee Refuge.
 - Exotic / Aquatic plant control activities total \$28.0 million and are funded with \$14.4 million in District revenues (ad valorem and lease revenue), \$6.9 million in state revenue from FWC reimbursement funds and \$1.6 million Land Acquisition Trust Fund revenue state appropriation, \$1 million Alligator Alley tolls, \$2 million in Federal revenue and \$2.6 million in Reserves with restrictions and \$329,800 in Reserves without restrictions.
- Interagency Expenditures:
 - Exotic / Aquatic plant control activities (\$422,500).

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Items funded with Reserves include Exotic / Aquatic plant control for Wetlands Mitigation and Florida Bay areas. Reserves without restrictions are used to fund Exotic / Aquatic plant control for 8.5 Square Mile, C-111, Lakeside Ranch and Ten Mile Creek.

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3.5 Other Operation and Maintenance Activities - Operations and maintenance activities not categorized above, such as right-of-way management and other general maintenance activities.

District Description

Operations and maintenance activities not categorized above, such as right-of-way management and other general maintenance activities. The activities include emergency management, security, field station support, compliance with permits issued by the federal and state regulatory agencies for District restoration projects that includes wetland mitigation monitoring, water quality monitoring and reporting, planning and administrative support of release of reservations, right-of-way's permitting and enforcement for both STAs and C&SF projects. Use of District lands is authorized through a leasing process or through issuance of a right-of-way's occupancy permit. This protects the District's proprietary interest on canal and levee rights-of-way.

The role of the District Right of Way function is to protect the District's ability to utilize the "Works of the District" for the purposes for which they were acquired, while providing for other appropriate compatible public and private uses. Generally, the "Works of the District" include: the canal and levee rights-of-way of the Central and Southern Florida Flood Control Project, the canals and other works of the Big Cypress Basin, and other canals and right-of-way's in which the District has acquired a property interest such as the Everglades Construction Project, Stormwater Treatment Areas and Comprehensive Everglades Restoration Plan.

The mission of the District's Emergency Management Program is to prevent or minimize, prepare for, respond to, and recover from emergencies or disasters that threaten life or property within the boundaries of the South Florida Water Management District. These activities ensure that the District can accomplish its mission during adverse conditions.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
PRELIMINARY BUDGET - Fiscal Year 2019-20

3.5 - Other Operation and Maintenance Activities

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 3,759,113	\$ 3,362,299	\$ 3,564,949	\$ 4,165,250	\$ 4,212,450	\$ 47,200	1.1%
Other Personal Services	\$ -	\$ -	\$ 831	\$ 8,036	\$ 8,036	\$ -	0.0%
Contracted Services	\$ 38,986	\$ 38,476	\$ 69,708	\$ 258,189	\$ 253,689	\$ (4,500)	-1.7%
Operating Expenses	\$ 433,018	\$ 447,759	\$ 496,099	\$ 517,283	\$ 517,283	\$ -	0.0%
Operating Capital Outlay	\$ 46,624	\$ 116,596	\$ 135,772	\$ 95,600	\$ 103,600	\$ 8,000	8.4%
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ 18,841	\$ 7,914	\$ 7,583	\$ 55,382	\$ 26,500	\$ (28,882)	-52.2%
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 4,296,582	\$ 3,973,044	\$ 4,274,942	\$ 5,099,740	\$ 5,121,558	\$ 21,818	0.4%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 5,113,558	\$ 8,000	\$ -	\$ -	\$ -	\$ -	\$ 5,121,558

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 4,212,450	\$ -	\$ 4,212,450
Other Personal Services	\$ 8,036	\$ -	\$ 8,036
Contracted Services	\$ 94,937	\$ 158,752	\$ 253,689
Operating Expenses	\$ 503,267	\$ 14,016	\$ 517,283
Operating Capital Outlay	\$ 103,600	\$ -	\$ 103,600
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ 26,500	\$ -	\$ 26,500
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 4,948,790	\$ 172,768	\$ 5,121,558

IV. PROGRAM ALLOCATIONS

Changes and Trends

Over the past few years, this activity has increased due to new infrastructure coming online. Overall in the Fiscal Year 2019-20 Preliminary Budget, this activity represents a continued level of service over the five-year period.

Budget Variances

This activity has an overall 0.4 percent (\$21,818) increase from the Fiscal Year 2018-19 Adopted Budget of \$5.1 million. This activity has a 52.2 percent (\$28,882) overall decrease in Interagency Expenditures due to compliance monitoring contract for new works projects ending, and a 1.1 percent increase (\$47,200) in salaries & benefits due to an estimated increase in FRS retirement contributions. This increase is partially offset by a 1.7 percent (\$4,500) decrease in Contracted Services for fish sampling.

Major Budget Items for this activity include the following:

- Salaries and Benefits (\$4.2 million).
- Other Personnel Services:
 - Hydrologic Data Processing (\$8,036).
- Contracted Services:
 - Right of way permitting support (\$163,752).
- Operating Expenses:
 - Security Services (\$351,099).
 - Laboratory tools and activities (\$109,436).
- Operating Capital Outlay:
 - Replacement of laboratory equipment (\$103,600).
- Interagency Expenditures:
 - Fish collection and laboratory services (\$26,500).

There are no items funded with Reserves in this activity.

IV. PROGRAM ALLOCATIONS

3.6 Fleet Services - This activity includes fleet services support to all District programs and projects.

District Description

This activity includes fleet services support to all District programs and projects. Management and maintenance of the District's fleet of motor vehicles and watercraft are included in this activity. The District's fleet includes automobiles, light trucks, medium and heavy trucks, construction equipment (i.e., cranes, excavators, bulldozers, etc.), marine equipment (e.g., boats, airboats, boat engines, etc.), trailers, tractors, mowers and small utility and all-terrain vehicles.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
PRELIMINARY BUDGET - Fiscal Year 2019-20
3.6 - Fleet Services

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 2,046,280	\$ 2,529,553	\$ 2,965,381	\$ 2,933,629	\$ 2,946,256	\$ 12,627	0.4%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ 162	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Expenses	\$ 3,363,249	\$ 3,657,055	\$ 4,148,040	\$ 5,011,447	\$ 5,038,123	\$ 26,676	0.5%
Operating Capital Outlay	\$ 49,802	\$ 183,530	\$ 15,073	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 5,459,493	\$ 6,370,138	\$ 7,128,494	\$ 7,945,076	\$ 7,984,379	\$ 39,303	0.5%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 7,984,379	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,984,379

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 2,946,256	\$ -	\$ 2,946,256
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ 5,038,123	\$ -	\$ 5,038,123
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 7,984,379	\$ -	\$ 7,984,379

Changes and Trends

The Fiscal Year 2019-20 Preliminary Budget represents a continued level of service budget with a net increase of \$39,303 from the Fiscal Year 2018-19 Adopted Budget. The additional funding in the Fiscal Year 2018-19 Tentative Budget is for the overall operation of the Districts Fleet. Over the past few years, the District has worked to more accurately capture our expenditures in Fleet Services. In Fiscal Year 2015-16 Budget, the District created new functional areas along with the re-allocation of Salaries and Benefits and operational funds to fleet maintenance to support the historical expenditure trends of our aging fleet. The past five years reflects the consolidation of a previously decentralized spending pattern providing a better financial trend for evaluation.

Budget Variances

This activity has a 0.5 percent (\$39,303) increase from the Fiscal Year 2018-19 Adopted Budget of \$7.9 million. This increase is primarily due to a 0.5 percent (\$26,676) increase in Operating Expenses for fuel and fleet parts & supplies.

IV. PROGRAM ALLOCATIONS

Major Budget Items for this activity include the following:

- Salaries & Benefits (\$2.9 million).
- Operating Expenses:
 - Fleet vehicle fuel, oil, lubricants, repairs, parts and supplies (\$5.0 million).

There are no items funded with Reserves in this activity.

IV. PROGRAM ALLOCATIONS

3.7 Technology and Information Services - This activity includes computer hardware and software, data lines, computer support and maintenance, IT consulting services, data centers, network operations, web support and updates, desktop support, and application development associated with this Program and related activities.

District Description

This activity includes computer hardware and software, data lines, computer support and maintenance, IT consulting services, data centers, network operations, web support and updates, desktop support, and application development that support the Water Resources Planning and Monitoring program and related activities.

Information technology items (salaries, contractors, hardware / software maintenance, and other operating costs) are directly charged to operational activities of District core functions where there is a clear linkage between the operational activity and the information technology system, application or staff that is used to support the operational activities.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

3.7 - Technology and Information Services

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 5,573,905	\$ 5,223,447	\$ 5,020,924	\$ 5,587,138	\$ 5,677,263	\$ 90,125	1.6%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ 688,293	\$ 868,672	\$ 748,693	\$ 676,659	\$ 746,990	\$ 70,331	10.4%
Operating Expenses	\$ 3,090,784	\$ 2,639,628	\$ 3,715,247	\$ 3,772,653	\$ 3,694,473	\$ (78,180)	-2.1%
Operating Capital Outlay	\$ 486,930	\$ 402,830	\$ 469,689	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 9,839,912	\$ 9,134,577	\$ 9,954,553	\$ 10,036,450	\$ 10,118,726	\$ 82,276	0.8%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 10,118,726	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,118,726

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 5,677,263	\$ -	\$ 5,677,263
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 746,990	\$ -	\$ 746,990
Operating Expenses	\$ 3,694,473	\$ -	\$ 3,694,473
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 10,118,726	\$ -	\$ 10,118,726

Changes and Trends

This activity represents a continued level of service over the five-year period. The Fiscal Year 2019-20 Preliminary Budget represents a continued level of service with a net increase of \$82,276.

Budget Variances

This activity has a 0.8 percent (\$82,276) increase from the Fiscal Year 2018-19 Adopted Budget of \$10.0 million in part due to a 10.4 percent increase in Contracted Services (\$70,331) due to an increase in enterprise consulting services and a 2.1 percent decrease in

IV. PROGRAM ALLOCATIONS

Operating Expenses (\$78,180) due to the SCADA System Replacement project initial software purchase.

Major Budget Items for this activity include the following:

- Salaries & Benefits (\$5.7 million).
- Contracted Services:
 - Computer consulting services (\$556,010), enterprise resource support and IT security.
 - Copier/printer lease (\$162,480).
- Operating Expenses:
 - Software maintenance (\$2.5 million).
 - Hardware maintenance (\$215,099).
 - Desktop computer / monitor replacements (\$544,000).
 - Communication service (\$350,344).

There are no items funded with Reserves in this activity.

IV. PROGRAM ALLOCATIONS

4.0 Regulation

This program includes water use permitting, water well construction permitting, water well contractor licensing, environmental resource and surface water management permitting, permit administration and enforcement, and any delegated regulatory program.

District Description

This program includes all permitting functions of the District, including water use permitting, water well construction permitting and well contractor licensing and environmental resource permitting. These activities are designed to ensure that water and related natural resources in the District are protected and conserved. Also included are permit compliance and enforcement activities, administration of water shortage rules and other activities necessary to support the District's regulatory responsibilities.

Water Use staff are actively participating on the CFWI Regulatory Team and the ongoing rule development process led by FDEP. Staff reviews draft rules, provides input and attends the publicly noticed workshops.

Water Use Bureau staff established a Public Water Supply Task Force where client relationship managers have been assigned to utilities in various geographic areas. These employees continue building relationships by working very closely with the utility to get them fully in compliance in a positive and collaborative manner. The level of Public Water Supply utility compliance continues to increase since implementation of this effort.

The Water Use Bureau continues to participate in the Consumptive Use Permitting Anti-Drift efforts coordinated by the FDEP.

The on-going Environmental Resource and Surface Water Permitting activity produces technical evaluation of proposed stormwater water management systems at a continued level of service to ensure water quantity, water quality, and environmental criteria are met. All permit applications must be processed within statutorily established time frames. Compliance reviews of issued permits and enforcement actions for unauthorized works, including the activities listed above, are all ongoing efforts.

The Environmental Resource Bureau actively participated in ongoing rule development discussions with the FDEP and other Water Management Districts to address Phase II Statewide Environmental Resource Permitting (SWERP) rule updates.

IV. PROGRAM ALLOCATIONS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
PRELIMINARY BUDGET - Fiscal Year 2019-20

4.0 Regulation

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 18,353,747	\$ 14,460,239	\$ 13,948,188	\$ 16,172,802	\$ 16,154,590	\$ (18,212)	-0.1%
Other Personal Services	\$ 66,092	\$ 63,960	\$ 62,164	\$ 63,125	\$ 63,125	\$ -	0.0%
Contracted Services	\$ 501,633	\$ 228,342	\$ 165,239	\$ 585,670	\$ 525,070	\$ (60,600)	-10.3%
Operating Expenses	\$ 1,417,979	\$ 1,138,466	\$ 1,399,850	\$ 5,246,277	\$ 5,174,802	\$ (71,475)	-1.4%
Operating Capital Outlay	\$ 12,870	\$ 60,649	\$ 97,645	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ 6,000	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 20,358,321	\$ 15,951,656	\$ 15,673,086	\$ 22,067,874	\$ 21,917,587	\$ (150,287)	-0.7%

SOURCE OF FUNDS

Fiscal Year 2019-20

	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Salaries and Benefits	\$ 16,154,590	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,154,590
Other Personal Services	\$ 63,125	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 63,125
Contracted Services	\$ 252,870	\$ 272,200	\$ -	\$ -	\$ -	\$ -	\$ 525,070
Operating Expenses	\$ 5,174,802	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,174,802
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ 21,645,387	\$ 272,200	\$ -	\$ -	\$ -	\$ -	\$ 21,917,587

RATE, OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Workforce	Rate (Salary without benefits)	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	164	\$ 11,095,376	\$ 16,154,590	\$ -	\$ 16,154,590
Other Personal Services	2	\$ 63,125	\$ 63,125	\$ -	\$ 63,125
Contracted Services	-	\$ -	\$ 238,700	\$ 286,370	\$ 525,070
Operating Expenses	-	\$ -	\$ 1,299,872	\$ 3,874,930	\$ 5,174,802
Operating Capital Outlay	-	\$ -	\$ -	\$ -	\$ -
Fixed Capital Outlay	-	\$ -	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	-	\$ -	\$ -	\$ -	\$ -
Debt	-	\$ -	\$ -	\$ -	\$ -
Reserves - Emergency Response	-	\$ -	\$ -	\$ -	\$ -
TOTAL			\$ 17,756,287	\$ 4,161,300	\$ 21,917,587

WORKFORCE

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

WORKFORCE CATEGORY	Fiscal Year					Adopted to Preliminary 2018-19 to 2019-20	
	2015-16	2016-17	2017-18	2018-19	2019-20	Difference	% Change
Authorized Positions	209	191	188	164	164	-	0.0%
Contingent Worker	0	0	0	0	0	-	-
Other Personal Services	0	2	2	2	2	-	0.0%
Intern	0	0	0	0	0	-	-
Volunteer	0	0	0	0	0	-	-
TOTAL WORKFORCE	211	193	190	166	166	-	0.0%

Changes and Trends

The decrease in Salaries and Benefits between Fiscal Year 2015-16 to Fiscal Year 2017-18 is due to the reduction of the number of FTEs by 7.8 percent in the Consumptive Use Permitting Activity and the reduction of the number of FTEs by 9.4 percent in the Environmental Resource and Surface Water Permitting Activity, while maintaining the level of service. Also starting in Fiscal Year 2018-19 the decision was made to move the Southern and Northern Everglades Nutrient Source Control Program that was previously included in Section 4.4 (Other Regulatory Enforcement Activities) to Section 1.2 (Research, Data Collection, Analysis and Monitoring) and Section 2.3 (Surface Water Projects), based on a reevaluation of the activities, their purpose, and amendments to associated statutory mandates.

The activities that were moved to Section 2.3 are SFWMD-specific programs rather than the state-wide delegated programs. They are associated with restoration and protection efforts under the Everglades Forever Act and Restoration Strategies mandated to meet water quality standards in the Southern Everglades.

IV. PROGRAM ALLOCATIONS

The activities that were moved to Section 2.1 were moved as a result of changes in Florida Statutes, the Northern Everglades & Estuaries, Protection Program (NEEPP), that relinquished specific regulatory responsibilities to FDACS, leaving SFWMD with activities that support water management planning, restoration and preservation efforts, including monitoring and data evaluation.

The proposed funding level supports the review of 475 water use permit applications and numerous compliance investigations per quarter.

The proposed funding level supports the review of an average of 600 environmental and surface water permit applications and numerous compliance investigations per quarter, and staying current with construction certifications.

In the Fiscal Year 2018-19 Adopted Budget, this program illustrated an increase in Operating Expenses due to the way our actual insurance expenditures post through payroll. Postings are based on where staff charges versus where staff is budgeted, coupled with budgeting the Districts full insurance exposure.

Budget Variances

The program has an 0.7 percent (\$150,287) decrease from the Fiscal Year 2018-19 Adopted Budget of \$22.1 million. The overall decrease is attributable to decreases in Salary and Benefits (\$18,212) and Operating Expenses (\$71,475) which is associated with a re-allocation of flight operation services costs between programs. The overall decrease in Contracted Services (\$60,600) is due to a decrease in funding for the Regulation software upgrade to the e-Permitting system.

Major Budget Items for this program include the following:

- Salaries and Benefits (\$16.2 million) (164 FTEs).
- Other Personnel Services (\$63,125) (2 OPS).
- Operating Expenses:
 - Self-Insurance Programs (comprised of health insurance, workers compensation, property insurance, general liability) (\$3.9 million).
 - Computer Hardware and Software Maintenance (\$823,138).
- Contracted Services:
 - Computer Consulting Services (376,400).

IV. PROGRAM ALLOCATIONS

South Florida Water Management District
REDUCTIONS - NEW ISSUES
 4.0 Regulation
 Fiscal Year 2019-20
 Preliminary Budget - January 15, 2019

FY 2018-19 Budget (Adopted)				164	\$	22,067,874	
Reductions							
Issue	Description	Issue Amount	Workforce	Category	Subtotal	Issue Narrative	
Salaries and Benefits			-		(71,561)	Salaries and Benefits has an overall programmatic decrease of \$18,212. The decrease shown is due to slight decreases in Salaries and Wages in both the Consumptive Use Permitting, and the Environmental Resource and Surface Water Permitting State Activities.	
1	Decrease in Total Salaries and Wages	(71,561)					
Other Personal Services			-		-		
Contracted Services					(60,600)	The decrease shown in Contracted Services is due to the reduction of IT Consulting Services in support of the Regulation Permitting Database Project.	
2	Decrease in Cont Serv - IT Consulting Services	(60,600)					
Operating Expenses					(90,869)	The decreases shown in Operating Expenses are primarily due to a re-allocation of flight operation service costs between programs.	
3	Decrease in Oper Expense - Parts and Supplies	(90,280)					
4	Decrease in Operating Expenses	(589)					
Operating Capital Outlay					-		
Fixed Capital Outlay					-		
Interagency Expenditures (Cooperative Funding)					-		
Debt					-		
Reserves					-		
TOTAL REDUCTIONS			-		(223,030)		

IV. PROGRAM ALLOCATIONS

South Florida Water Management District
REDUCTIONS - NEW ISSUES
 4.0 Regulation
 Fiscal Year 2019-20
 Preliminary Budget - January 15, 2019

New Issues						
Issue	Description	Issue Amount	Workforce	Category Subtotal		
Salaries and Benefits					53,349	Salaries and Benefits has an overall programmatic decrease of \$18,212. The increase shown is due to an estimated increase in FRS Retirement Contribution.
1	Increase in Total Fringe Benefits	53,349	-			
Other Personal Services					-	
Contracted Services					-	
Operating Expenses					19,394	Operating Expenses has an overall programmatic decrease of \$71,475. The increase shown is for an increased amount of maintenance and repair supplies needed for in-house maintenance of flight operation equipment.
2	Increase in Cont Serv - Maint & Repairs - Computer Software	250				
3	Increase in Cont Serv - Maintenance and Repairs	18,500				
4	Increase in Operating Expenses	55				
5	Increase in Oper Expense - Tools/Equipment/PPE	589				
Operating Capital Outlay					-	
Fixed Capital Outlay					-	
Interagency Expenditures (Cooperative Funding)					-	
Debt					-	
Reserves					-	
TOTAL NEW ISSUES			0	72,743		
4.0 Regulation						
Total Workforce and Preliminary Budget for FY 2019-20			164	\$ 21,917,587		

IV. PROGRAM ALLOCATIONS

4.1 Consumptive Use Permitting - The review, issuance, renewal, and enforcement of water use permits.

District Description

The review, issuance, renewal, and enforcement of water use permits. Consumptive use permitting is a state-mandated activity assigned exclusively to the water management districts. The objective of this activity is to ensure safe, efficient, equitable, and reliable development of the state's water resources. This includes the review, issuance, renewal, and enforcement of water use permits. The major components are to review and to prepare recommendations for permit applications for all consumptive uses of water within the District boundaries; and complete post-permit compliance reviews of priority projects based on staffing resources.

This activity also includes pre-permit planning, permit issuance, dispute resolution, litigation support, criteria and rule development, Coastal Zone Management support, automation and administrative support, and rulemaking to update consumptive use permit rules to implement the regulatory recommendations of the District's regional water supply plans.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
PRELIMINARY BUDGET - Fiscal Year 2019-20
4.1 - Consumptive Use Permitting

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 5,399,437	\$ 4,567,074	\$ 4,262,793	\$ 5,165,169	\$ 5,151,267	\$ (13,902)	-0.3%
Other Personal Services	\$ 30,469	\$ 24,001	\$ 34,965	\$ 24,000	\$ 24,000	\$ -	0.0%
Contracted Services	\$ 11,469	\$ 27,050	\$ 25,903	\$ 29,850	\$ 29,850	\$ -	0.0%
Operating Expenses	\$ 18,759	\$ 2,597	\$ 1,017	\$ 3,960	\$ 3,960	\$ -	0.0%
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 5,460,134	\$ 4,620,722	\$ 4,324,678	\$ 5,222,979	\$ 5,209,077	\$ (13,902)	-0.3%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 5,209,077	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,209,077

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 5,151,267	\$ -	\$ 5,151,267
Other Personal Services	\$ 24,000	\$ -	\$ 24,000
Contracted Services	\$ 29,850	\$ -	\$ 29,850
Operating Expenses	\$ 3,960	\$ -	\$ 3,960
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 5,209,077	\$ -	\$ 5,209,077

Changes and Trends

The decrease in Salaries and Benefits between Fiscal Year 2015-16 to Fiscal Year 2017-18 is due to the reduction of the number of FTEs by 7.8 percent while maintaining the level of service for Consumptive Use Permitting. This activity represents a continued level of service consistent with Fiscal Year 2018-19. The proposed funding level supports the review of 475 permit applications and numerous compliance investigations per quarter. The Water Use Bureau initiated and continues to implement the Public Water Supply (PWS) Task Force comprised of water use compliance analysts with the objective of collaborating with PWS permittees by encouraging involvement and open dialogue on PWS compliance issues. The level of compliance has increased because of this on-going effort. The Water Use Bureau continues to

IV. PROGRAM ALLOCATIONS

participate in the Consumptive Use Permitting Anti-Drift efforts coordinated by the Florida Department of Environmental Protection.

Water Use staff are actively participating on the CFWI Regulatory Team and the ongoing rule development process led by FDEP. Staff reviews draft rules, provides input and attends the publicly noticed workshops.

Budget Variances

This activity has a 0.3 percent (\$13,902) decrease from the Fiscal Year 2018-19 Adopted Budget of \$5.2 million due to a slight decrease in Salaries and Benefits.

Major Budget Items for this activity include the following:

- Salaries and Benefits (\$5.2 million).
- Other Personal Services:
 - Contractor support for the permit administration effort (\$24,000).
- Contracted Services:
 - Publishing legal notice of receipt of application for individual consumptive use permits (\$29,850).

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

4.2 Water Well Construction Permitting and Contractor License - The review, issuance, renewal, and enforcement of water well construction permits and regulation of contractor licensing.

District Description

There is no funding for this activity.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

4.2 - Water Well Construction Permitting and Contractor Licensing

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ -	\$ -	\$ -
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ -	\$ -	\$ -
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ -	\$ -	\$ -

Budget Variances

There is no funding for this activity.

Major Budget Items for this activity include the following:

- None.

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

4.3 Environmental Resource and Surface Water Permitting - The review, issuance, and enforcement of environmental resource and surface water permits.

District Description

This state-mandated activity involves the review, issuance, compliance, and enforcement of Environmental Resource Permits (ERP). The objective is to ensure that land development projects and wetland dredge and fill activities do not cause adverse environmental, water quality, or water quantity impacts and to take necessary compliance action when permit requirements are not met. This activity includes technical review and evaluation of construction plans for proposed development activities, field inspection of project sites requesting permits or wetland determinations, compliance review of project sites, preparation of technical staff reports, and review of Sovereign Submerged Lands authorizations associated with Environmental Resource Permits. This activity also includes pre-permit planning, permit issuance, dispute resolution, litigation support, criteria and rule development, site certifications, coastal zone consistency reviews, and automation support. This on-going activity produces technical evaluation of proposed stormwater water management systems at a continued level of service to ensure water quantity, water quality, and environmental criteria are met. All permit applications must be processed within statutorily established time frames. Compliance reviews of issued permits and enforcement actions for unauthorized works, including the activities listed above, are all ongoing efforts.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
PRELIMINARY BUDGET - Fiscal Year 2019-20

4.3 - Environmental Resource and Surface Water Permitting

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 8,492,400	\$ 7,845,793	\$ 7,490,748	\$ 8,479,233	\$ 8,455,432	\$ (23,801)	-0.3%
Other Personal Services	\$ 35,623	\$ 39,959	\$ 27,199	\$ 39,125	\$ 39,125	\$ -	0.0%
Contracted Services	\$ 129,714	\$ 17,415	\$ 8,040	\$ 51,900	\$ 51,900	\$ -	0.0%
Operating Expenses	\$ 388,462	\$ 235,605	\$ 391,301	\$ 365,770	\$ 294,295	\$ (71,475)	-19.5%
Operating Capital Outlay	\$ -	\$ 50,000	\$ 97,645	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 9,046,199	\$ 8,188,772	\$ 8,014,933	\$ 8,936,028	\$ 8,840,752	\$ (95,276)	-1.1%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 8,840,752	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,840,752

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 8,455,432	\$ -	\$ 8,455,432
Other Personal Services	\$ 39,125	\$ -	\$ 39,125
Contracted Services	\$ 51,900	\$ -	\$ 51,900
Operating Expenses	\$ 294,295	\$ -	\$ 294,295
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 8,840,752	\$ -	\$ 8,840,752

Changes and Trends

The decrease in Salaries and Benefits between Fiscal Year 2015-16 to Fiscal Year 2017-18 is due to the reduction of the number of FTEs by 9.4 percent while maintaining the level of service for Environmental Resource Permitting. This activity represents a continued level of service consistent with Fiscal Year 2018-19. The proposed funding level supports the review of an

IV. PROGRAM ALLOCATIONS

average of 600 permit applications and numerous compliance investigations per quarter, and staying current with construction certification.

Budget Variances

This activity has a 1.1 percent (\$95,276) decrease from the Fiscal Year 2018-19 Adopted Budget of \$8.9 million and is primarily due to a 19.5 percent (\$71,475) decrease in Operating Expenses which is associated with a re-allocation of flight operation service costs between programs. There is also a 0.3 percent (\$23,801) decrease in Salaries and Benefits.

Major Budget Items for this activity include the following:

- Salaries and Benefits (\$8.5 million).
- Operating Expenses:
 - Includes aircraft fuel and annual maintenance costs for routine compliance flights for staff to do aerial inspections to determine the start of construction to permitted sites, monitor the construction of surface water management systems, and locate any sites that are doing work without the appropriate permits in place. Wetland and natural preserve areas are also inspected to detect if any changes or impacts have occurred (\$206,941).
 - Credit Card Processing and County Recording Fees for permit application payment (\$49,000).
- Contracted Services:
 - Contract support for application processing (\$39,125).
 - Contract support for ePermitting scanning (\$19,750).

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

4.4 Other Regulatory and Enforcement Activities - Regulatory and enforcement activities not otherwise categorized above.

District Description

This category is intended to include other District regulatory programs and activities not otherwise described in Sections 4.1 through 4.3, which is the overall management and administrative support for all regulation activities described under category 4.0.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
PRELIMINARY BUDGET - Fiscal Year 2019-20

4.4 - Other Regulatory and Enforcement Activities

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 3,068,613	\$ 782,032	\$ 586,855	\$ 841,118	\$ 855,986	\$ 14,868	1.8%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ 153,456	\$ 5,015	\$ 3,004	\$ 22,915	\$ 22,915	\$ -	0.0%
Operating Expenses	\$ 86,219	\$ 27,849	\$ 34,696	\$ 3,919,525	\$ 3,919,525	\$ -	0.0%
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ 6,000	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 3,314,288	\$ 814,896	\$ 624,555	\$ 4,783,558	\$ 4,798,426	\$ 14,868	0.3%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	Slate Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 4,798,426	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,798,426

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 855,986	\$ -	\$ 855,986
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 8,745	\$ 14,170	\$ 22,915
Operating Expenses	\$ 44,595	\$ 3,874,930	\$ 3,919,525
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 909,326	\$ 3,889,100	\$ 4,798,426

Changes and Trends

In the Fiscal Year 2018-19 Adopted Budget, this program illustrated an increase in Operating Expenses due to the way our actual insurance expenditures post through payroll. Postings are based on where staff charges versus where staff is budgeted, coupled with budgeting the Districts' full insurance exposure. The decrease in Salaries and Benefits between Fiscal Year 2015-16 to Fiscal Year 2017-18 is due to the reduction of the number of FTEs by 85.7 percent. Starting in Fiscal Year 2017-18 the decision was made to move the Southern and Northern Everglades Nutrient Source Control Program that was previously included in this section to Section 1.2 (Research, Data Collection, Analysis and Monitoring) and Section 2.3 (Surface Water Projects), based on a reevaluation of the activities, their purpose, and amendments to associated statutory mandates resulting in a reduction of Salaries and Benefits, Contracted Services and Operating Expenses.

The activities that were moved to Section 2.3 are SFWMD-specific programs rather than the state-wide delegated programs. They are associated with restoration and protection efforts under the Everglades Forever Act and Restoration Strategies mandated to meet water quality standards in the Southern Everglades.

IV. PROGRAM ALLOCATIONS

The activities that were moved to Section 2.1 were moved as a result of changes in Florida Statutes, the Northern Everglades & Estuaries, Protection Program (NEEPP), that relinquished specific regulatory responsibilities to FDACS, leaving SFWMD with activities that support water management planning, restoration and preservation efforts, including monitoring and data evaluation.

This activity is primarily the overall management and administrative support for all regulation activities described under category 4.0.

Budget Variances

This activity has a 0.3 percent (\$14,868) increase from the Fiscal Year 2018-19 Adopted Budget of \$4.8 million and is due to a 1.8 percent (\$14,868) increase in Salaries and Benefits.

Major Budget Items for this activity are included in the following:

- Salaries and Benefits (\$855,986).
- Operating Expenses:
 - Self-Insurance Programs (comprised of health insurance, workers compensation, property insurance, general liability) (\$3.9 million).

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

4.5 Technology and Information Services - This activity includes computer hardware and software, data lines, computer support and maintenance, IT consulting services, data centers, network operations, web support and updates, desktop support, and application development associated with this Program and related activities.

District Description

This activity includes computer hardware and software, data lines, computer support and maintenance, IT consulting services, data centers, network operations, web support and updates, desktop support, and application development that support the Water Resources Planning and Monitoring program and related activities.

Information technology items (salaries, contractors, hardware / software maintenance, and other operating costs) are directly charged to operational activities of District core functions where there is a clear linkage between the operational activity and the information technology system, application or staff that is used to support the operational activities.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

4.5 - Technology and Information Services

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 1,393,297	\$ 1,265,340	\$ 1,607,792	\$ 1,687,282	\$ 1,691,905	\$ 4,623	0.3%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ 206,994	\$ 178,862	\$ 128,292	\$ 481,005	\$ 420,405	\$ (60,600)	-12.6%
Operating Expenses	\$ 924,539	\$ 872,415	\$ 972,836	\$ 957,022	\$ 957,022	\$ -	0.0%
Operating Capital Outlay	\$ 12,870	\$ 10,649	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 2,537,700	\$ 2,327,266	\$ 2,708,920	\$ 3,125,309	\$ 3,069,332	\$ (55,977)	-1.8%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 2,797,132	\$ 272,200	\$ -	\$ -	\$ -	\$ -	\$ 3,069,332

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 1,691,905	\$ -	\$ 1,691,905
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 148,205	\$ 272,200	\$ 420,405
Operating Expenses	\$ 957,022	\$ -	\$ 957,022
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 2,797,132	\$ 272,200	\$ 3,069,332

Changes and Trends

This sub-activity represents a continued level of service over the past five years.

Budget Variances

This activity has a 1.8 percent (\$55,977) decrease from the Fiscal Year 2018-19 Adopted Budget of \$3.1 million primarily due to a 12.6 percent (\$60,600) decrease in Contracted Services for the funding of the Regulation software upgrade to the ePermitting System. There is also an 0.3 percent increase (\$4,623) in Salaries and Benefits.

IV. PROGRAM ALLOCATIONS

Major Budget Items for this activity include the following:

- Salaries and Benefits (\$1.7 million).
- Contracted Services:
 - Computer consulting services (\$376,400), includes the Regulation Software Upgrade for the ePermitting System.
 - Copier/printer leases (\$44,005).
- Operating Expenses:
 - Software maintenance (\$764,881).
 - Hardware maintenance (\$58,257).
 - Communication service (\$94,884).

The Regulation Software Upgrade for the ePermitting System is funded with Reserves.

IV. PROGRAM ALLOCATIONS

5.0 Outreach

This program includes all environmental education activities, such as water conservation campaigns and water resource education; public information activities; activities relating to local, regional, state, and federal governmental affairs; and all public relations activities, including public service announcements and advertising in any media.

District Description

This program provides clear concise and consistent information regarding District mission structure, functions, programs, project and other operational aspects. Environmental activities designed to reach broad audiences in an effort to provide increased awareness of flood control and water management resources issues and other roles / responsibilities of the District among the more than 8 million residents in South Florida. The District works to leverage opportunities for earned (free) media and outreach through the creation and distribution of e-newsletters and via the District's website, which contains updated information about priority programs and water resource related issues.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
PROGRAM BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
PRELIMINARY BUDGET - Fiscal Year 2019-20
5.0 Outreach

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 1,181,394	\$ 1,026,861	\$ 1,026,634	\$ 1,052,735	\$ 1,058,946	\$ 6,211	0.6%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ 35,108	\$ 34,144	\$ 4,162	\$ 43,730	\$ 37,730	\$ (6,000)	-13.7%
Operating Expenses	\$ 47,510	\$ 49,338	\$ 38,320	\$ 28,990	\$ 34,990	\$ 6,000	20.7%
Operating Capital Outlay	\$ -	\$ 5,898	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 1,264,012	\$ 1,116,241	\$ 1,069,116	\$ 1,125,455	\$ 1,131,666	\$ 6,211	0.6%

SOURCE OF FUNDS

	Fiscal Year 2019-20						
	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Salaries and Benefits	\$ 1,058,946	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,058,946
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contracted Services	\$ 37,730	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 37,730
Operating Expenses	\$ 34,990	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 34,990
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ 1,131,666	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,131,666

RATE, OPERATING AND NON-OPERATING

	Fiscal Year 2019-20				
	Workforce	Rate (Salary without benefits)	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	9	\$ 740,333	\$ 1,058,946	\$ -	\$ 1,058,946
Other Personal Services	-	\$ -	\$ -	\$ -	\$ -
Contracted Services	-	\$ -	\$ 37,730	\$ -	\$ 37,730
Operating Expenses	-	\$ -	\$ 34,990	\$ -	\$ 34,990
Operating Capital Outlay	-	\$ -	\$ -	\$ -	\$ -
Fixed Capital Outlay	-	\$ -	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	-	\$ -	\$ -	\$ -	\$ -
Debt	-	\$ -	\$ -	\$ -	\$ -
Reserves - Emergency Response	-	\$ -	\$ -	\$ -	\$ -
TOTAL			\$ 1,131,666	\$ -	\$ 1,131,666

WORKFORCE

WORKFORCE CATEGORY	Fiscal Year					Adopted to Preliminary 2018-19 to 2019-20	
	2015-16	2016-17	2017-18	2018-19	2019-20	Difference	% Change
Authorized Positions	21	10	9	9	9	-	0.0%
Contingent Worker	0	0	0	0	0	-	-
Other Personal Services	0	0	0	0	0	-	-
Intern	0	0	0	0	0	-	-
Volunteer	0	0	0	0	0	-	-
TOTAL WORKFORCE	21	10	9	9	9	-	0.0%

IV. PROGRAM ALLOCATIONS

Changes and Trends

The decrease in Contracted Services between Fiscal Year 2015-16 to Fiscal Year 2017-18 is due to a contractual agreement for federal legislative services administered through the FDEP not being executed in Fiscal Year 2017-18. However, the position is currently funded in Fiscal Year 2018-19 and Fiscal Year 2019-20. Over the past few years, with a streamlined District organization it remains important to assess the potential impact of state and federal legislative activity and keep Executive staff and the Governing Board informed. This activity represents a continuation level of service consistent with Fiscal Year 2018-19.

Budget Variances

The program has a 0.6 percent (\$6,211) increase from the Fiscal Year 2018-19 Adopted Budget of \$1.1 million. The variance is due to a \$6,211 increase in Salaries and Benefits. Increases in Operating Expenses are a reclassification of costs to Contracted Services for media related equipment and services and the total remains the same as the Fiscal Year 2018-19 Adopted Budget.

Major Budget Items for this program include the following:

- Projects in Appendix C under this program can be found in Appendix C of this budget as well as in each activity or sub-activity of this program.
- Salaries and Benefits (\$1.1 million) (9 FTEs).
- Contracted Services:
 - The District's share of a contractual agreement for federal legislative services administered through the Florida Department of Environmental Protection (\$27,000).

IV. PROGRAM ALLOCATIONS

South Florida Water Management District
REDUCTIONS - NEW ISSUES
 5.0 Outreach
 Fiscal Year 2019-20
 Preliminary Budget - January 15, 2019

FY 2018-19 Budget (Adopted)		9	\$	1,125,455	
Reductions					Issue Narrative
Issue	Description	Issue Amount	Workforce	Category Subtotal	
Salaries and Benefits		-		-	
Other Personal Services		-		-	
Contracted Services				(6,000)	The reduction shown is a result of Video Services being moved from Contracted Services to Video Equipment in Operating Expenses.
1	Decrease in Cont Serv - External Provider	(6,000)			
Operating Expenses				(250)	The decrease in Operating Expenses - Other is offset by an increase in Operating Expenses - Parts and Supplies.
2	Decrease in Oper Expense - Other	(250)			
Operating Capital Outlay				-	
Fixed Capital Outlay				-	
Interagency Expenditures (Cooperative Funding)				-	
Debt				-	
Reserves				-	
TOTAL REDUCTIONS		0		(6,250)	

IV. PROGRAM ALLOCATIONS

South Florida Water Management District
REDUCTIONS - NEW ISSUES
5.0 Outreach
Fiscal Year 2019-20
Preliminary Budget - January 15, 2019

New Issues					
Issue	Description	Issue Amount	Workforce	Category Subtotal	
Salaries and Benefits				6,211	The overall programmatic increase of Salaries and Benefits of \$6,211 is due to an estimated increase in FRS Retirement Contribution.
1	Increase in Total Fringe Benefits	6,211			
Other Personal Services				-	
Contracted Services				-	
Operating Expenses				6,250	Operating Expenses has an overall programmatic increase of \$6,000. The increase shown is due to Video Services being moved from Contracted Services to Video Equipment in Operating Expenses.
2	Increase in Cont Serv - Maintenance and Repairs	6,000			
3	Increase in Oper Expense - Parts and Supplies	250			
Operating Capital Outlay				-	
Fixed Capital Outlay				-	
Interagency Expenditures (Cooperative Funding)				-	
Debt				-	
Reserves				-	
TOTAL NEW ISSUES			0	12,461	
5.0 Outreach					
Total Workforce and Preliminary Budget for FY 2019-20			9	\$ 1,131,666	

IV. PROGRAM ALLOCATIONS

5.1 Water Resource Education - Water Management District activities and media publications that present factual information on the nature, use, and management of water resources (including water supply and demand management). This program also includes teacher education and training activities.

District Description

Water management District activities and media publications that present factual information on the nature, use, and management of water resources (including water supply and demand management). This program also includes teacher education and training activities.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

5.1 - Water Resource Education

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ -	\$ -	\$ -
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ -	\$ -	\$ -
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ -	\$ -	\$ -

Changes and Trends

There is no funding for this activity.

Budget Variances

There is no funding for this activity.

Major Budget Items for this activity include the following:

- None.

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

5.2 Public Information - All public notices regarding water management district decision-making and Governing Board, basin board, and advisory committee meetings, public workshops, public hearings, and other District meetings; and factual information provided to the public and others by a water management district regarding District structure, functions, programs, budget, and other operational aspects of the District.

District Description

This outreach component is designed to reach broad audiences in an effort to provide increased awareness of flood control and water management resource issues and the roles/responsibilities of the District among the 8.1 million residents in South Florida. This includes the development and distribution of publications, public service programming, public meetings, presentations, water resource education, media relations, social media, and content management of the agency website to provide clear, concise, and consistent information regarding District mission, structure, functions, programs, projects and other operational aspects. The District works to leverage opportunities for earned (free) media and outreach through the creation and distribution of e-newsletters and via the District's website, which contains updated information about priority programs and water resource related issues.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
PRELIMINARY BUDGET - Fiscal Year 2019-20
5.2 - Public Information

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 1,156,321	\$ 1,026,093	\$ 1,026,634	\$ 1,052,735	\$ 1,058,946	\$ 6,211	0.6%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ 8,109	\$ 7,144	\$ 4,162	\$ 16,730	\$ 10,730	\$ (6,000)	-35.9%
Operating Expenses	\$ 43,260	\$ 44,994	\$ 29,820	\$ 24,490	\$ 30,490	\$ 6,000	24.5%
Operating Capital Outlay	\$ -	\$ 5,898	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 1,207,690	\$ 1,084,129	\$ 1,060,616	\$ 1,093,955	\$ 1,100,166	\$ 6,211	0.6%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
	Fiscal Year 2019-20	\$ 1,100,166	\$ -	\$ -	\$ -	\$ -	\$ -

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 1,058,946	\$ -	\$ 1,058,946
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 10,730	\$ -	\$ 10,730
Operating Expenses	\$ 30,490	\$ -	\$ 30,490
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 1,100,166	\$ -	\$ 1,100,166

Changes and Trends

This activity's budget over the past few years reflects a steady and even trend. The 2019-20 Budget represents a continued level of service consistent with Fiscal Year 2018-19. In the past five years the Operating Costs have been declining primarily due to a decrease in District Educational Outreach. Funds from Operating Expenses have also been redirected to fund an increased need for Computer Software Licenses used for research.

IV. PROGRAM ALLOCATIONS

Budget Variance

This activity has a 0.6 percent (\$6,211) increase from the Fiscal Year 2018-19 Adopted Budget of \$1.1 million solely due to an increase in Salaries and Benefits due to an increase in FRS Retirement Contribution. Increases in Operating Expenses are a reclassification of costs to Contracted Services for media related equipment and services and the total remains the same as the Fiscal Year 2018-19 Adopted Budget.

Major Budget Items for this activity include the following:

- Salaries and Benefits (\$1.1 million).

Appendix C includes projects that are funded with Salaries and Benefits (included in the salaries and benefits number above).

Project Title	Salaries and Benefits	Contracted Services	Operating Expenses	Operating Capital Outlay	Fixed Capital Outlay	Interagency Expenditures	Grand Total
Comprehensive Water Conservation Program - Education & Public Info (In 5 Year Water Supply Plan this is combined with an item in State Subactivity with same name 2.4.1	\$ 9,450	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,450
Grand Total	\$ 9,450	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,450

The following are the other Major Budget item not included in Appendix C:

- Operating Expenses:
 - Media related equipment and services (\$21,040).
- Contracted Services:
 - Media related services (\$10,730).

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

5.3 Public Relations - Water management district activities, advertising, and publications with the purpose of swaying public opinion about the District or a water management issue, countering criticisms of the District, or engendering positive feelings toward the District.

District Description

Proposed water management district activities, advertising, and publications with the purpose of swaying public opinion about the District or a water management issue, countering criticisms of the District, or engendering positive feelings toward the District.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

5.3 - Public Relations

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ -	\$ -	\$ -
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ -	\$ -	\$ -
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ -	\$ -	\$ -

Changes and Trends

There is no funding for this activity.

Budget Variances

There is no funding for this activity.

Major Budget Items for this activity include the following:

- None.

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

5.4 Cabinet and Legislative Affairs - Influencing or attempting to influence legislative action or non-action through oral or written communication or an attempt to obtain the goodwill of a member or employee of the Legislature. (See s. 11.045, Florida Statutes) For purposes of the standard budget reporting format, this definition includes Federal legislative action or non-action.

District Description

This outreach component provides information and support to state and federal elected and appointed officials and staff regarding water management initiatives and priorities. It includes the District's federal legislative program, which works with congressional members and staff, as well as the District's state legislative program, which works with the Florida Legislature, its committees, and off-session coordination with legislatively appointed committees and delegations.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

5.4 - Cabinet & Legislative Affairs

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 25,073	\$ 768	\$ -	\$ -	\$ -	\$ -	-
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ 26,999	\$ 27,000	\$ -	\$ 27,000	\$ 27,000	\$ -	0.0%
Operating Expenses	\$ 4,250	\$ 4,344	\$ 8,500	\$ 4,500	\$ 4,500	\$ -	0.0%
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 56,322	\$ 32,112	\$ 8,500	\$ 31,500	\$ 31,500	\$ -	0.0%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 31,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 31,500

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ -	\$ -	\$ -
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 27,000	\$ -	\$ 27,000
Operating Expenses	\$ 4,500	\$ -	\$ 4,500
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 31,500	\$ -	\$ 31,500

Changes and Trends

The decrease in Contracted Services between Fiscal Year 2015-16 to Fiscal Year 2017-18 is due to a contractual agreement for federal legislative services administered through the FDEP not being executed in Fiscal Year 2018. However, the position is currently funded in Fiscal Year 2018-19 and Fiscal Year 2019-20. Over the past few years, with a streamlined District organization it remains important to assess the potential impact of state and federal legislative activity and keep Executive staff and the Governing Board informed. After Fiscal Year 2015-16 the decrease in staff in the 5.4 Cabinet and Legislative Affairs Program is due to the redirection of staff to other public information areas. This activity represents a continuation level of service.

Budget Variances

This activity has no change from the Fiscal Year 2018-19 Adopted Budget.

IV. PROGRAM ALLOCATIONS

Major Budget Items for this activity include the following:

- Contracted Services:
 - The District's share of a contractual agreement for federal legislative services administered through the FDEP (\$27,000).

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

5.5 Other Outreach Activities - Outreach activities not otherwise categorized above.

District Description

Outreach activities not otherwise categorized above.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
 PRELIMINARY BUDGET - Fiscal Year 2019-20
5.5 - Other Outreach Activities

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

OPERATING AND NON-OPERATING

		Fiscal Year 2019-20		
		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		\$ -	\$ -	\$ -
Other Personal Services		\$ -	\$ -	\$ -
Contracted Services		\$ -	\$ -	\$ -
Operating Expenses		\$ -	\$ -	\$ -
Operating Capital Outlay		\$ -	\$ -	\$ -
Fixed Capital Outlay		\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)		\$ -	\$ -	\$ -
Debt		\$ -	\$ -	\$ -
Reserves - Emergency Response		\$ -	\$ -	\$ -
TOTAL		\$ -	\$ -	\$ -

Changes and Trends

There is no funding for this activity.

Budget Variances

There is no funding for this activity.

Major Budget Items for this activity include the following:

- None.

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

5.6 Technology and Information Services - This activity includes computer hardware and software, data lines, computer support and maintenance, IT consulting services, data centers, network operations, web support and updates, desktop support, and application development associated with this Program and related activities.

District Description

This activity includes computer hardware and software, data lines, computer support and maintenance, IT consulting services, data centers, network operations, web support and updates, desktop support, and application development associated with this Program and related activities.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

5.6 - Technology and Information Services

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ -	\$ -	\$ -
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ -	\$ -	\$ -
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ -	\$ -	\$ -

Changes and Trends

There is no funding for this activity.

Budget Variances

There is no funding for this activity.

Major Budget Items for this activity include the following

- None.

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

6.0 District Management and Administration

This program includes all governing and basin board support; executive support; management information systems; unrestricted Reserves; and general counsel, ombudsman, human resources, budget, finance, audit, risk management, and administrative services.

District Description

This program encompasses the business functions necessary to operate the District, including executive direction, legal services, internal audit services, budget, finance, procurement, human resources, risk management and other administrative support.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

6.0 District Management and Administration

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 17,751,457	\$ 16,188,755	\$ 16,653,492	\$ 17,968,893	\$ 17,893,558	\$ (75,335)	-0.4%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ 2,249,734	\$ 3,495,083	\$ 3,162,358	\$ 2,665,542	\$ 2,810,596	\$ 145,054	5.4%
Operating Expenses	\$ 6,316,984	\$ 5,334,623	\$ 9,813,132	\$ 14,466,676	\$ 14,695,866	\$ 229,190	1.6%
Operating Capital Outlay	\$ 1,303,371	\$ 1,129,328	\$ 1,358,449	\$ 1,997,590	\$ 2,259,796	\$ 262,206	13.1%
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ 12,402	\$ 12,402	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 27,621,546	\$ 26,147,789	\$ 30,987,431	\$ 37,098,701	\$ 37,672,218	\$ 573,517	1.5%

SOURCE OF FUNDS

Fiscal Year 2019-20

	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Salaries and Benefits	\$ 17,893,558	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,893,558
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contracted Services	\$ 2,199,076	\$ 611,520	\$ -	\$ -	\$ -	\$ -	\$ 2,810,596
Operating Expenses	\$ 11,882,491	\$ 2,813,375	\$ -	\$ -	\$ -	\$ -	\$ 14,695,866
Operating Capital Outlay	\$ 2,259,796	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,259,796
Fixed Capital Outlay	\$ 12,402	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,402
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ 34,247,323	\$ 3,424,895	\$ -	\$ -	\$ -	\$ -	\$ 37,672,218

RATE, OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Workforce	Rate (Salary without benefits)	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	164	\$ 12,315,049	\$ 17,893,558	\$ -	\$ 17,893,558
Other Personal Services	-	\$ -	\$ -	\$ -	\$ -
Contracted Services	-	\$ -	\$ 2,085,546	\$ 725,050	\$ 2,810,596
Operating Expenses	-	\$ -	\$ 9,337,203	\$ 5,358,663	\$ 14,695,866
Operating Capital Outlay	-	\$ -	\$ 2,259,796	\$ -	\$ 2,259,796
Fixed Capital Outlay	-	\$ -	\$ 12,402	\$ -	\$ 12,402
Interagency Expenditures (Cooperative Funding)	-	\$ -	\$ -	\$ -	\$ -
Debt	-	\$ -	\$ -	\$ -	\$ -
Reserves - Emergency Response	-	\$ -	\$ -	\$ -	\$ -
TOTAL			\$ 31,588,505	\$ 6,083,713	\$ 37,672,218

WORKFORCE

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

WORKFORCE CATEGORY	Fiscal Year					Adopted to Preliminary 2018-19 to 2019-20	
	2015-16	2016-17	2017-18	2018-19	2019-20	Difference	% Change
Authorized Positions	161	160	160	164	164	-	0.0%
Contingent Worker	0	0	0	0	0	-	-
Other Personal Services	0	0	0	0	0	-	-
Intern	0	0	0	0	0	-	-
Volunteer	0	0	0	0	0	-	-
TOTAL WORKFORCE	161	160	160	164	164	-	0.0%

Changes and Trends

The increase in Operating Expenses between Fiscal Year 2015-16 and Fiscal Year 2017-18 is due primarily to the way our actual insurance expenditures post through payroll. Postings are based on where staff charges versus where staff is budgeted. In the Fiscal Year 2018-19

IV. PROGRAM ALLOCATIONS

Adopted budget this program illustrated an increase in Operating Expenses due to the way our actual insurance expenditures post through payroll, an accounting practice which is continued in the Fiscal Year 2019-20 Preliminary budget. The increase in Salaries and Benefits between Fiscal Year 2015-16 and Fiscal Year 2017-18 is due primarily to vacancies in budgeted FTEs.

Budget Variances

Program 6.0 has a 1.5 percent increase (\$573,517) due to a 13.1 percent (\$262,206) increase in capital outlay due to primarily to telemetry equipment. There also an increase in Fixed Capital Outlay (\$12,402) for replacement of a security access panel, a 1.6 percent (\$229,190) increase in operating expenses due to an increase in computer software maintenance and a 5.4 percent (\$145,054) increase in Contracted Services for IT consulting services for enterprise software partially offset by a 0.4 percent (\$75,375) decrease in salary and benefits primarily due to a decrease in other personnel benefits.

Major Budget Items for this program are included in the following:

- Salaries and Benefits (\$17.9 million) (164 FTEs).
- Contracted Services:
 - IT Consulting Services (\$1.6 million).
 - Advertising services – (\$186,000).
 - Legal and technical support services (\$476,000).
- Operating Expenses:
 - Self-Insurance Programs (comprised of health insurance, workers compensation, property insurance, general liability) (\$6.4 million).
 - Computer Software maintenance (\$1.9 million).
 - Hardware maintenance (\$448,958).
 - Commissions and property appraiser fees of (\$6.8 million) associated with collection of District-wide ad valorem taxes are shown in this section.
- Operating Capital Outlay:
 - Computer Hardware Equipment (\$2.3 million).
- Fixed Capital Outlay:
 - Replacement of a Security Access Control Panel – (\$12,402).

Items funded with Reserves with restrictions include a portion of property insurance, a portion of workers compensation, and a portion of enterprise software development.

IV. PROGRAM ALLOCATIONS

South Florida Water Management District
REDUCTIONS - NEW ISSUES
6.0 District Management and Administration
Fiscal Year 2019-20
Preliminary Budget - January 15, 2019

FY 2018-19 Budget (Adopted)		164	\$	37,098,701	
Reductions					
Issue	Description	Issue Amount	Workforce	Category Subtotal	Issue Narrative
Salaries and Benefits			-	(117,380)	Salaries and Benefits has an overall programmatic decrease of \$75,335 offset by an estimated increase in FRS Retirement contribution.
1	Decrease in Total Fringe Benefits	(117,380)			
Other Personal Services			-	-	
Contracted Services				(202,706)	Overall increase of \$145,054 in contractual services is primarily due to an increase in IT consulting services of \$305,760, partially offset by a decrease computer software licenses of \$100,000 and a decrease of \$102,706 in external provider for IT Security monitoring partially offset by an increase in Enterprise cloud services.
2	Decrease in Contracted Services	(100,000)			
3	Decrease in Cont Serv - External Provider	(102,706)			
Operating Expenses				(132,129)	Overall increase of \$229,190 in operating expenses is primarily due to an increase in maintenance & repairs - Computer Hardware (\$350,049) partially offset by a decrease in maintenance & repairs - Computer Software (\$56,227), a decrease in IT parts & supplies (\$50,000) and a decrease in IT parts & Supplies (\$21,902).
4	Decrease in Cont Serv - Maintenance and Repairs	(21,902)			
5	Decrease in Operating Expenses	(500)			
6	Decrease in Oper Expense - District Travel	(1,040)			
7	Decrease in Operating Expenses	(1,000)			
8	Decrease in Oper Expense - Parts and Supplies	(50,000)			
9	Decrease in Operating Expenses	(960)			
10	Decrease in CERP Monitoring & Assess Plan	(56,727)			
Operating Capital Outlay				(112,294)	Overall increase in Operating Capital Outlay is due to an increase in capital outlay equipment (\$374,500) primarily for telemetry equipment partially offset by a decrease in capital outlay - Computer hardware.
11	Decrease in Capital Outlay - Equipment Computer Hardware	(112,294)			
Fixed Capital Outlay				-	
Interagency Expenditures (Cooperative Funding)				-	
Debt				-	
Reserves				-	
TOTAL REDUCTIONS			-	(564,509)	

IV. PROGRAM ALLOCATIONS

South Florida Water Management District
REDUCTIONS - NEW ISSUES
6.0 District Management and Administration
Fiscal Year 2019-20
Preliminary Budget - January 15, 2019

New Issues						
Issue	Description	Issue Amount	Workforce	Category Subtotal		
Salaries and Benefits					42,045	Salaries and Benefits has an overall programmatic decrease of \$75,335 offset by an estimated increase in FRS Retirement contribution.
1	Increase in Total Salaries and Wages	42,045				
Other Personal Services					-	
Contracted Services					347,760	Overall increase of \$145,054 in contractual services is primarily due to an increase in IT consulting services of \$305,760, partially offset by a decrease computer software licenses of \$100,000 and a decrease of \$102,706 in external provider for IT Security monitoring partially offset by an increase in Enterprise cloud services.
2	Increase in Cont Serv - Professional	42,000				
3	Increase in Cont Serv - IT Consulting Services	305,760				
Operating Expenses					361,319	Overall increase of \$229,190 in operating expenses is primarily due to an increase in maintenance & repairs - Computer Hardware (\$350,049) partially offset by a decrease in maintenance & repairs - Computer Software (\$56,227), a decrease in IT parts & supplies (\$50,000) and a decrease in IT parts & Supplies (\$21,902).
4	Increase in Cont Serv - Maint & Repairs - Computer Hardware	500				
5	Increase in Cont Serv - Maint & Repairs - Computer Software	350,049				
6	Increase in Oper Expense - County Appraiser's Fee	4,885				
7	Increase in Oper Expense - Other Fees	1,000				
8	Increase in Oper Expense - Tax Collector's Fees	4,885				
Operating Capital Outlay					374,500	Overall increase in Operating Capital Outlay is due to an increase in capital outlay equipment (\$374,500) primarily for telemetry equipment partially offset by a decrease in capital outlay - Computer hardware.
9	Increase in Capital Outlay - Equipment	374,500				
Fixed Capital Outlay					12,402	Increase in Fixed capital outlay is due to replacement of a security access control panel.
10	Increase in Capital Outlay - Buildings	12,402				
Interagency Expenditures (Cooperative Funding)					-	
Debt					-	
Reserves					-	
TOTAL NEW ISSUES			0	1,138,026		
6.0 District Management and Administration						
Total Workforce and Preliminary Budget for FY 2019-20			164	\$ 37,672,218		

IV. PROGRAM ALLOCATIONS

6.1 Administrative and Operations Support - Executive management, executive support, Governing Board support, basin board support, ombudsman, inspector general, general counsel, human resources, insurance, risk management, finance, accounting, procurement, budget, and vehicle pool.

District Description

This activity supports the District's line organizations and plays a key role in accomplishing District goals and objectives by providing executive direction, financial and human resources expertise, legal advice, counsel and representation, procurement, risk management, and general support functions. The mission of the administrative bureaus is to provide the highest quality and cost-effective human, business, and technical services, with a commitment to maximize transparency and demonstrate accountability to the public. These activities are vital for effective management, informed decision-making and mandatory/statutory compliance and to help ensure the organization can accomplish its mission in a timely, planned, cost effective and organized fashion.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

6.1 - Administrative and Operations Support

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 17,711,302	\$ 16,188,521	\$ 16,653,492	\$ 17,968,893	\$ 17,893,558	\$ (75,335)	-0.4%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Contracted Services	\$ 2,249,734	\$ 3,495,083	\$ 3,162,358	\$ 2,665,542	\$ 2,810,596	\$ 145,054	5.4%
Operating Expenses	\$ 1,582,337	\$ 289,074	\$ 3,919,305	\$ 7,716,564	\$ 7,935,984	\$ 219,420	2.8%
Operating Capital Outlay	\$ 1,303,371	\$ 1,129,328	\$ 1,358,449	\$ 1,997,590	\$ 2,259,796	\$ 262,206	13.1%
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ 12,402	\$ 12,402	
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL	\$ 22,846,744	\$ 21,102,006	\$ 25,093,604	\$ 30,348,589	\$ 30,912,336	\$ 563,747	1.9%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 29,731,021	\$ 1,181,315	\$ -	\$ -	\$ -	\$ -	\$ 30,912,336

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 17,893,558	\$ -	\$ 17,893,558
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 2,085,546	\$ 725,050	\$ 2,810,596
Operating Expenses	\$ 4,820,901	\$ 3,115,083	\$ 7,935,984
Operating Capital Outlay	\$ 2,259,796	\$ -	\$ 2,259,796
Fixed Capital Outlay	\$ 12,402	\$ -	\$ 12,402
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 27,072,203	\$ 3,840,133	\$ 30,912,336

Changes and Trends

The increase in Operating Expenses between Fiscal Year 2015-16 and Fiscal Year 2017-18 is due primarily to the way our actual insurance expenditures post through payroll. Postings are based on where staff charges versus where staff is budgeted, coupled with budgeting the Districts' full insurance exposure. The increase in Salaries and Benefits between Fiscal Year 2015-16 and Fiscal Year 2017-18 is due primarily to vacancies in budgeted FTEs.

IV. PROGRAM ALLOCATIONS

Budget Variances

Program 6.0 has a 1.9 percent increase (\$563,747) due to a 13.1 percent (\$262,206) increase in capital outlay due to primarily to telemetry equipment. There also an increase in Fixed Capital Outlay (\$12,402) for replacement of a security access panel, a 2.8 percent (\$219,420) increase in operating expenses due to an increase in computer software maintenance and a 5.4 percent (\$145,054) increase in contractual services for IT consulting services for enterprise software, partially offset by a 0.4 percent (\$75,335) decrease in salary and benefits primarily due to a decrease in other personnel benefits.

Major Budget Items for this activity include the following:

- Salaries and Benefits (\$17.9 million).
- Contracted Services:
 - IT Consulting Services (\$1.6 million).
 - Advertising services (\$186,000).
 - Legal and technical support services (\$476,000).
- Operating Expenses:
 - Self-Insurance Programs (comprised of health insurance, workers compensation, property insurance, general liability) (\$6.4 million).
 - Computer Software maintenance (\$1.9 million).
 - Hardware maintenance (\$448,958).
- Operating Capital Outlay:
 - Computer Hardware Equipment (\$2.3 million).
- Fixed Capital Outlay:
 - Replacement of a Security Access Control Panel – (\$12,402).

Items funded with Reserves with restrictions include a portion of property insurance, a portion of workers compensation, and a portion of enterprise software development.

IV. PROGRAM ALLOCATIONS

6.1.1 Executive Direction - This sub-activity includes the executive office, Governing Board and executive services support, and the Office of the Ombudsman. Agency-wide direction is provided in a manner consistent with the policy direction of the Governing Board, FDEP, the Florida Legislature, and the Executive Office of the Governor.

District Description

This sub-activity includes the executive office, Governing Board and executive services support, and the Office of the Ombudsman. Agency-wide direction is provided in a manner consistent with the policy direction of the Governing Board, the FDEP, the Florida Legislature, and the Executive Office of the Governor. The executive direction sub-activity provides agency-wide direction in a manner consistent with the policy direction of the Governing Board, the FDEP, the Florida Legislature, and the Executive Office of the Governor.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT SUBACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

6.1.1 - Executive Direction

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 707,770	\$ 394,694	\$ 339,172	\$ 571,156	\$ 579,035	\$ 7,879	1.4%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Expenses	\$ 17,246	\$ 14,327	\$ 12,837	\$ 22,085	\$ 21,085	\$ (1,000)	-4.5%
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 725,016	\$ 409,021	\$ 352,009	\$ 593,241	\$ 600,120	\$ 6,879	1.2%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
	Fiscal Year 2019-20	\$ 600,120	\$ -	\$ -	\$ -	\$ -	\$ -

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 579,035	\$ -	\$ 579,035
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ 21,085	\$ -	\$ 21,085
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 600,120	\$ -	\$ 600,120

Changes and Trends

This sub-activity represents a continued level of service consistent with the past five years; however, Salaries and Benefits have decreased during the period from Fiscal Year 2015-16 to Fiscal Year 2017-18 primarily due to vacancies in budgeted positions.

Budget Variances

This sub-activity has a 1.2 percent (\$6,879) increase from the Fiscal Year 2018-19 Adopted Budget of \$593,241 due to an increase of 1.4 percent (\$7,879) in Salaries and Benefits that reflect an estimated increase in FRS retirement contributions partially offset by a \$1,000 decrease in Operating Expenses for memberships and dues.

IV. PROGRAM ALLOCATIONS

Major Budget Items for this sub-activity are included in the following:

- Salaries and Benefits (\$579,035).
- Operating Expenses:
 - District Travel (\$20,400).

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

6.1.2 General Counsel/Legal - The Office of the General Counsel provides professional legal advice, representation, rulemaking services, research, preventative law, and counsel to the District's Governing Board, Executive Team and its component units. The office's responsibilities include matters relating to contracts, land management and personnel matters.

District Description

The General Counsel program represents the District in all legal matters including, environmental, regulatory, water supply and land. Legal services are delivered by providing advice to the Governing Board and District staff and by representing the District before the Florida Division of Administrative Hearings and in both state and federal courts.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SUBACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
PRELIMINARY BUDGET - Fiscal Year 2019-20
6.1.2 - General Counsel / Legal

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 2,377,588	\$ 2,255,352	\$ 2,305,372	\$ 2,128,717	\$ 2,110,702	\$ (18,015)	-0.8%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ 690,333	\$ 1,144,200	\$ 928,206	\$ 498,004	\$ 498,004	\$ -	0.0%
Operating Expenses	\$ 70,371	\$ 39,967	\$ 36,420	\$ 82,811	\$ 82,811	\$ -	0.0%
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 3,138,292	\$ 3,439,519	\$ 3,269,998	\$ 2,709,532	\$ 2,691,517	\$ (18,015)	-0.7%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 2,691,517	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,691,517

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 2,110,702	\$ -	\$ 2,110,702
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 498,004	\$ -	\$ 498,004
Operating Expenses	\$ 82,811	\$ -	\$ 82,811
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 2,691,517	\$ -	\$ 2,691,517

Changes and Trends

This activity has represented a consistent level of service over the last five years with a slight shift in funding from Salaries and Benefits to Contracted Services for specialized outside counsel.

Budget Variances

This sub-activity has a 0.7 percent (\$18,015) decrease from the Fiscal Year 2018-19 Adopted Budget of \$2.7 million due to a decrease in Salaries and Benefits primarily due to reductions in salaries and wages.

Major Budget Items for this sub-activity include the following:

- Salaries and Benefits (\$2.1 million).

IV. PROGRAM ALLOCATIONS

- Contracted Services:
 - Legal and technical support services (\$476,000).
- Operating Expenses:
 - Books and Subscriptions (\$30,000) and District travel (\$22,299).

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

6.1.3 Inspector General - The Office of the Inspector General serves as a primary point for the coordination of activities that promote accountability, effectiveness, and efficiency, and prevent and detect fraud and abuse in the District.

District Description

The Inspector General program provides citizens living within the boundaries of the South Florida Water Management District, including their Governing Board, elected representatives, and District management, with an independent view of operations through objective and professional audits, investigations, reviews, and evaluations of the economy, efficiency and effectiveness of taxpayer-financed programs.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT SUBACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

6.1.3 - Inspector General

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 647,613	\$ 597,594	\$ 641,906	\$ 641,098	\$ 645,838	\$ 4,740	0.7%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ 71,964	\$ 201,601	\$ 160,000	\$ 162,000	\$ 187,000	\$ 25,000	15.4%
Operating Expenses	\$ 6,547	\$ 10,817	\$ 11,347	\$ 17,488	\$ 17,488	\$ -	0.0%
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 726,124	\$ 810,012	\$ 813,253	\$ 820,586	\$ 850,326	\$ 29,740	3.6%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 850,326	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 850,326

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 645,838	\$ -	\$ 645,838
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 187,000	\$ -	\$ 187,000
Operating Expenses	\$ 17,488	\$ -	\$ 17,488
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 850,326	\$ -	\$ 850,326

Changes and Trends

This sub-activity represents a continued level of service consistent with Fiscal Year 2018-19 and the past five years.

Budget Variances

This sub-activity has a 3.6 percent (\$29,740) increase from the Fiscal Year 2018-19 Adopted Budget of \$820,586 due primarily to an increase of 15.4 (\$25,000) percent in Contracted Services for Auditing Services and a 0.7 percent (\$4,740) increase in Salaries and Benefits for an estimated increase in FRS retirement contributions.

Major Budget Items for this sub-activity include the following:

- Salaries and Benefits (\$645,838).

IV. PROGRAM ALLOCATIONS

- Contracted Services:
 - Auditing services (\$177,000).
- Operating Expenses:
 - Travel and training (\$12,576)

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

6.1.4 Administrative Support - This sub-activity includes finance, budget, accounting, risk management, and document services which provides Districtwide print and mail services, all aspects of records management and imaging services.

District Description

The administrative support program includes all governing and basin board support; budget, finance, risk management, business operations support, intergovernmental programs, administrative services and fleet services, which include flight operations support and administrative vehicle support costs.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT SUBACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

6.1.4 - Administrative Support

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 6,573,916	\$ 5,862,360	\$ 5,809,721	\$ 7,000,571	\$ 6,830,300	\$ (170,271)	-2.4%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ 82,897	\$ 156,659	\$ 241,341	\$ 288,810	\$ 305,810	\$ 17,000	5.9%
Operating Expenses	\$ (536,851)	\$ (2,179,907)	\$ 1,521,646	\$ 4,712,618	\$ 4,690,716	\$ (21,902)	-0.5%
Operating Capital Outlay	\$ -	\$ 59,493	\$ -	\$ -	\$ 9,500	\$ 9,500	
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ 12,402	\$ 12,402	
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 6,119,962	\$ 3,898,605	\$ 7,572,708	\$ 12,001,999	\$ 11,848,728	\$ (153,271)	-1.3%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 11,278,933	\$ 569,795	\$ -	\$ -	\$ -	\$ -	\$ 11,848,728

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 6,830,300	\$ -	\$ 6,830,300
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 192,280	\$ 113,530	\$ 305,810
Operating Expenses	\$ 1,575,633	\$ 3,115,083	\$ 4,690,716
Operating Capital Outlay	\$ 9,500	\$ -	\$ 9,500
Fixed Capital Outlay	\$ 12,402	\$ -	\$ 12,402
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 8,620,115	\$ 3,228,613	\$ 11,848,728

Changes and Trends

The increase in Operating Expenses between Fiscal Year 2015-16 and Fiscal Year 2017-18 is due primarily to the way our actual insurance expenditures post through payroll. Postings are based on where staff charges versus where staff is budgeted, coupled with budgeting the Districts' full insurance exposure. Additionally, the Operating Expenses reflect accounting for the CERP Indirect Staff Support credits, which are offset between this sub-activity and the CERP activity resulting in negative expenditures in this sub-activity for Fiscal Year 2015-16 and Fiscal Year 2016-17.

Budget Variances

This sub-activity has a 1.3 percent (\$153,271) decrease from the Fiscal Year 2018-19 Adopted Budget of \$12.0 million. The decreases included a 0.5 percent (\$21,902) decrease in Operating Expenses for security maintenance & repair, partially offset by a 5.9 percent (\$17,000) increase in Contracted Services for financial advisor services, and a 2.4 percent (\$170,271) decrease in Salaries and Benefits due to other personnel benefits.

IV. PROGRAM ALLOCATIONS

Major Budget Items for this sub-activity include the following:

- Salaries and Benefits (\$6.8 million).
- Contracted Services:
 - Contracted Services for Actuarial, Advertising and Professional Services (\$305,810).
- Operating Expenses:
 - Self-Insurance programs (\$6.4 million).
 - CERP Indirect Staff Support credits (-\$3.3 million); the CERP indirect Staff Support credits is an offset to the expenditure in the CERP activity, resulting in a negative expenditure in this sub-activity.
- Operating Capital Outlay:
 - Security Cameras (\$9,500).
- Fixed Capital Outlay:
 - Replacement of a Security Access Control Panel (\$12,402).

Items funded with Reserves with restrictions include a portion of property insurance and a portion of workers compensation.

IV. PROGRAM ALLOCATIONS

6.1.5 Fleet Services - This sub-activity includes fleet services support to all District programs and projects.

District Description

This sub-activity includes fleet services support to all District programs and projects.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SUBACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
 PRELIMINARY BUDGET - Fiscal Year 2019-20
6.1.5 - Fleet Services

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

		Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits		\$ -	\$ -	\$ -
Other Personal Services		\$ -	\$ -	\$ -
Contracted Services		\$ -	\$ -	\$ -
Operating Expenses		\$ -	\$ -	\$ -
Operating Capital Outlay		\$ -	\$ -	\$ -
Fixed Capital Outlay		\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)		\$ -	\$ -	\$ -
Debt		\$ -	\$ -	\$ -
Reserves - Emergency Response		\$ -	\$ -	\$ -
TOTAL		\$ -	\$ -	\$ -

Changes and Trends

There is no funding for this sub-activity.

Budget Variances

There is no funding for this sub-activity.

Major Budget Items for this sub-activity include the following:

- None.

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

6.1.6 Procurement/Contract Administration - This sub-activity supports all procurement activities to purchase goods and services.

District Description

The procurement program purchases goods and services from vendors throughout the state and nationwide. These purchase orders and agreements are governed by the agency's commitment to quality, cost effectiveness, efficiency and fairness in a competitive arena as well as adherence to applicable statutes, rules and regulations.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT SUBACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

6.1.6 - Procurement / Contract Administration

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 1,931,683	\$ 1,504,321	\$ 1,829,997	\$ 1,974,442	\$ 1,989,177	\$ 14,735	0.7%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ 4,936	\$ 13,332	\$ 20,325	\$ 50,750	\$ 50,750	\$ -	0.0%
Operating Expenses	\$ 23,673	\$ 17,047	\$ 18,331	\$ 15,750	\$ 15,750	\$ -	0.0%
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 1,960,292	\$ 1,534,700	\$ 1,868,653	\$ 2,040,942	\$ 2,055,677	\$ 14,735	0.7%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 2,055,677	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,055,677

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 1,989,177	\$ -	\$ 1,989,177
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 50,750	\$ -	\$ 50,750
Operating Expenses	\$ 15,750	\$ -	\$ 15,750
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 2,055,677	\$ -	\$ 2,055,677

Changes and Trends

This sub-activity represents a nominal increase from Fiscal Year 2018-19 and represents a continued level of service consistent over the past five years. The increase in Contracted Services over the five-year period is due to advertising services which was moved in Fiscal Year 2016-17 from Operating Expenses to Contracted Services and varies in expenditures based on the amount and type of solicitation advertising requested each year.

Budget Variances

This sub-activity has a 0.7 percent (\$14,735) increase from the Fiscal Year 2018-19 Adopted Budget of \$2 million due to a 0.7 percent (\$14,735) increase in Salaries and Benefits for an estimated increase in FRS retirement contributions.

Major Budget Items for this sub-activity are included in the following:

- Salaries and Benefits (\$2 million).

IV. PROGRAM ALLOCATIONS

- Contracted Services:
 - Advertising (\$45,000) and Contracted Services for procurement card compliance audit (\$5,250).
- Operating Expenses:
 - Travel, memberships and training (\$11,900).

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

6.1.7 Human Resources - This sub-activity provides human resources support for the District.

District Description

The human resource program helps the District achieve its goals and objectives by attracting and retaining a high quality, diverse workforce; and by providing guidance, service and development that enables employee success.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT SUBACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

6.1.7 - Human Resources

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 1,244,990	\$ 1,174,396	\$ 1,365,008	\$ 1,549,977	\$ 1,551,438	\$ 1,461	0.1%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ 37,318	\$ 98,830	\$ 137,867	\$ 76,500	\$ 76,500	\$ -	0.0%
Operating Expenses	\$ 66,947	\$ 17,742	\$ 26,456	\$ 101,169	\$ 101,169	\$ -	0.0%
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 1,349,255	\$ 1,290,968	\$ 1,529,331	\$ 1,727,646	\$ 1,729,107	\$ 1,461	0.1%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 1,729,107	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,729,107

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 1,551,438	\$ -	\$ 1,551,438
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 76,500	\$ -	\$ 76,500
Operating Expenses	\$ 101,169	\$ -	\$ 101,169
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 1,729,107	\$ -	\$ 1,729,107

Changes and Trends

This sub-activity represents a nominal increase from Fiscal Year 2018-19 and represents a continued level of service consistent over the past five years. The variance in contractual services over the five year period is due to advertising services which varies in expenditures based on the amount and type of recruitment advertising requested each year. The variance in operating expenses over the five year period is due relocation which varies in expenditures based on where new employees and recruited from. Additionally, in Fiscal Year 2016-17 and Fiscal Year 2017-18 a computer software expense for a recruiting module was moved from this activity to the Technology and Information Services activity. In Fiscal Year 2018-19 the budget for consulting services was increased.

Budget Variances

This sub-activity has a 0.1 percent (\$1,461) increase from the Fiscal Year 2018-19 Adopted Budget of \$1.7 million due to a 0.1 percent (\$1,461) increase in Salaries and Benefits for an estimated increase in FRS retirement contributions.

Major Budget Items for this sub-activity include the following:

- Salaries and Benefits (\$1.6 million).

IV. PROGRAM ALLOCATIONS

- Contracted Services:
 - Advertising and professional services (\$76,500).
- Operating Expenses:
 - Relocation Expenses (\$41,500) and Training (\$10,908).

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

6.1.8 Communications - This sub-activity includes telecommunications for the District.

District Description

The telecommunications sub-activity provides District staff with telephone equipment, cellular telephones, service, and data lines.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SUBACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
 PRELIMINARY BUDGET - Fiscal Year 2019-20
6.1.8 - Communications

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Operating Expenses	\$ 329,695	\$ 324,963	\$ 229,806	\$ 428,740	\$ 428,740	\$ -	0.0%
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL	\$ 329,695	\$ 324,963	\$ 229,806	\$ 428,740	\$ 428,740	\$ -	0.0%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 428,740	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 428,740

OPERATING AND NON-OPERATING
Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ -	\$ -	\$ -
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ 428,740	\$ -	\$ 428,740
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 428,740	\$ -	\$ 428,740

Changes and Trends

This sub-activity represents a continued level of service over the past five years with a steady increase in Operating Expenses over the past two years resulting from an increase in communication utility services.

Budget Variances

This sub-activity has no change from the Fiscal Year 2018-19 Adopted Budget.

Major Budget Items for this sub-activity include the following:

- Operating expenses – Phones, data lines, local and long-distance services (\$428,740).

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

6.1.9 Technology and Information Services - This sub-activity includes computer hardware and software, data lines, computer support and maintenance, IT consulting services, data centers, network operations, web support and updates, desktop support, and application development associated with this Program and related activities.

District Description

This sub-activity includes oversight and direction of computer services, computer hardware and software, data lines, computer support and maintenance, IT consulting services, data centers, network operations, web support and updates, desk top support, and application development.

A large portion of this activity's budget is related to maintenance and support of the District's hardware and software; systems engineering; as well as managing, maintaining, and enhancing the District's computer infrastructure. This infrastructure includes a substantial microwave network that ties together all remote sites throughout the District's 16-county jurisdiction.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

6.1.9 - Technology and Information Services

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 4,227,742	\$ 4,399,804	\$ 4,362,316	\$ 4,102,932	\$ 4,187,068	\$ 84,136	2.1%
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ 1,362,286	\$ 1,880,461	\$ 1,674,619	\$ 1,589,478	\$ 1,692,532	\$ 103,054	6.5%
Operating Expenses	\$ 1,604,709	\$ 2,044,118	\$ 2,062,462	\$ 2,335,903	\$ 2,578,225	\$ 242,322	10.4%
Operating Capital Outlay	\$ 1,303,371	\$ 1,069,835	\$ 1,358,449	\$ 1,997,590	\$ 2,250,296	\$ 252,706	12.7%
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ 8,498,108	\$ 9,394,218	\$ 9,457,846	\$ 10,025,903	\$ 10,708,121	\$ 682,218	6.8%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
	Fiscal Year 2019-20	\$ 10,096,601	\$ 611,520	\$ -	\$ -	\$ -	\$ -

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ 4,187,068	\$ -	\$ 4,187,068
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ 1,081,012	\$ 611,520	\$ 1,692,532
Operating Expenses	\$ 2,578,225	\$ -	\$ 2,578,225
Operating Capital Outlay	\$ 2,250,296	\$ -	\$ 2,250,296
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 10,096,601	\$ 611,520	\$ 10,708,121

Changes and Trends

Over the past few years, this sub-activity has increased due to the consolidation of technical positions within the District, to the IT Bureau. Operating Capital Outlay has increased over time due to increases in computer hardware for technology infrastructure upgrades and end of life network component replacements. Contracted Services also increased over the five-year period due to specialized information technology needs. The District has moved to purchasing new computer equipment instead of leasing which is more cost effective. There is no change to the level of service of this sub-activity from the Fiscal Year 2018-19 Adopted Budget.

IV. PROGRAM ALLOCATIONS

Budget Variances

This sub-activity has a 6.8 percent (\$682,218) increase from the Fiscal Year 2018-19 Adopted Budget of \$10.0 million due to a 10.4 percent (\$242,322) increase in operating expenses primarily from computer software maintenance, a 12.7 percent (\$252,706) increase in capital outlay for telemetry equipment, a 6.5 percent (\$103,054) percent increase in contractual services primarily for IT consulting services for enterprise software development and a 2.1 percent (\$84,136) increase in Salaries and Benefits for an estimated increase in FRS retirement contributions.

Major Budget Items for this sub-activity include the following:

- Salaries and Benefits (\$4.2 million).
- Contracted Services:
 - Computer consulting services (enterprise resource support, and IT security) (\$1.6 million).
 - Copier / printer / scanner leases (\$57,545).
- Operating Expenses:
 - Software maintenance (\$1,936,578).
 - Hardware maintenance (\$421,458).
- Operating Capital Outlay:
 - Computer Hardware Equipment (\$2.5 million).

Items funded with Reserves without restrictions are \$883,720 for IT Consulting Services for Enterprise System updates.

IV. PROGRAM ALLOCATIONS

6.2 Computer/Computer Support - Computer hardware and software, computer support and maintenance, computer reserves / sinking fund.

District Description

Computer hardware and software, computer support and maintenance, computer reserves / sinking fund.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

6.2 - Computer/Computer Support

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 40,155	\$ 234	\$ -	\$ -	\$ -	\$ -	
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Operating Expenses	\$ (1,417)	\$ 1	\$ -	\$ -	\$ -	\$ -	
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL	\$ 38,738	\$ 235	\$ -	\$ -	\$ -	\$ -	

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ -	\$ -	\$ -
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ -	\$ -	\$ -
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ -	\$ -	\$ -

Changes and Trends

There is no funding for this activity. Only historical activity is presented.

Budget Variances

There is no funding for this activity. Only historical activity is presented.

Major Budget Items for this activity include the following:

- None.

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

6.3 Reserves - This activity is included in the District's General Fund Deficiencies Reserve.

District Description

This activity is included in the District's General Fund Deficiencies Reserve.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ACTIVITY BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
 PRELIMINARY BUDGET - Fiscal Year 2019-20
6.3 - Reserves

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

OPERATING AND NON-OPERATING

	Fiscal Year 2019-20				
	Operating (Recurring - all revenues)		Non-operating (Non-recurring - all revenues)		TOTAL
Salaries and Benefits	\$ -	\$ -	\$ -	\$ -	\$ -
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -
Operating Expenses	\$ -	\$ -	\$ -	\$ -	\$ -
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -

Changes and Trends

There is no funding for this activity.

Budget Variances

There is no funding for this activity.

Major Budget Items in this activity include the following:

- None.

There are no items funded with Reserves.

IV. PROGRAM ALLOCATIONS

6.4 Other – (Tax Collector / Property Appraiser Fees)

District Description

This activity is comprised of county tax collector and property appraiser fees. Tax collector fees are calculated as a percent of taxes collected by the tax collector on behalf of the District. Property appraiser fees are based on the District's share of responsibility for the respective property appraisers operating budgets. These fees are calculated by each respective county office in accordance with Florida Statutes.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT ACTIVITY BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

6.4 - Other - (Tax Collector / Property Appraiser Fees)

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other Personal Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Contracted Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Operating Expenses	\$ 4,736,064	\$ 5,045,548	\$ 5,893,827	\$ 6,750,112	\$ 6,759,882	\$ 9,770	0.1%
Operating Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Fixed Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL	\$ 4,736,064	\$ 5,045,548	\$ 5,893,827	\$ 6,750,112	\$ 6,759,882	\$ 9,770	0.1%

SOURCE OF FUNDS	District Revenues	Reserves	Debt	Local Revenues	State Revenues	Federal Revenues	TOTAL
Fiscal Year 2019-20	\$ 4,516,302	\$ 2,243,580	\$ -	\$ -	\$ -	\$ -	\$ 6,759,882

OPERATING AND NON-OPERATING

Fiscal Year 2019-20

	Operating (Recurring - all revenues)	Non-operating (Non-recurring - all revenues)	TOTAL
Salaries and Benefits	\$ -	\$ -	\$ -
Other Personal Services	\$ -	\$ -	\$ -
Contracted Services	\$ -	\$ -	\$ -
Operating Expenses	\$ 4,516,302	\$ 2,243,580	\$ 6,759,882
Operating Capital Outlay	\$ -	\$ -	\$ -
Fixed Capital Outlay	\$ -	\$ -	\$ -
Interagency Expenditures (Cooperative Funding)	\$ -	\$ -	\$ -
Debt	\$ -	\$ -	\$ -
Reserves - Emergency Response	\$ -	\$ -	\$ -
TOTAL	\$ 4,516,302	\$ 2,243,580	\$ 6,759,882

Changes and Trends

The increase in Operating Expenses between Fiscal Year 2015-16 and Fiscal Year 2017-18 is due primarily due to the increase in Property Appraiser and Tax Collector fees for processing, collecting and distributing ad valorem taxes for the District. The fees are increasing because the District's portion of each county is going up based on the total taxable value and the amount of ad valorem levy being processed.

Budget Variances

This activity has a 0.1 percent (\$9,770) increase in Operating Expenses for county appraiser and tax collector fees from the Fiscal Year 2018-19 Adopted Budget of \$6.8 million. Tax collector and property appraiser fees are budgeted on an annual basis using the methods described above.

IV. PROGRAM ALLOCATIONS

Major Budget Items for this activity include the following:

The following are Major Budget Items not included in Appendix C:

- Operating Expenses:
 - Commissions and property appraiser fees associated with collection of District-wide ad valorem taxes are shown in this section (\$6.8 million). Expenses for the Everglades Forever Act remain in Activity 1.2 (Research, Data Collection, Analysis and Monitoring) to properly tie the cost of collecting the tax to the associated fund and activities.

Items funded with Reserves without restrictions include \$2.2 million in property appraiser and tax collector fees.

IV. PROGRAM ALLOCATIONS

B. District Specific Programs

1. District Springs Program

Not Applicable to South Florida Water Management District

IV. PROGRAM ALLOCATIONS

B. District Specific Programs

2. District Everglades Program

District Description

The District Everglades Program is focused on the District's responsibilities outlined in the Everglades Forever Act (EFA) as well as the settlement agreement. The EFA directs the District to design, permit, construct and operate Stormwater Treatment Areas (STAs) to reduce phosphorus levels in stormwater runoff and other sources before it enters the Everglades Protection Area. The goal of the District Everglades Program is to contribute to Everglades restoration by improving water quality, hydrology and ecology.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
PROGRAM BY EXPENDITURE CATEGORY
Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
 PRELIMINARY BUDGET - Fiscal Year 2019-20
District Everglades Program

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 17,552,861	\$ 15,430,623	\$ 15,572,967	\$ 18,136,018	\$ 18,226,710	\$ 90,692	0.5%
Other Personal Services	\$ 27,216	\$ 8,036	\$ 8,036	\$ 8,036	\$ 8,036	\$ -	0.0%
Contracted Services	\$ 3,237,992	\$ 3,975,722	\$ 2,468,095	\$ 3,036,090	\$ 4,100,683	\$ 1,064,593	35.1%
Operating Expenses	\$ 12,732,387	\$ 12,258,871	\$ 12,869,430	\$ 12,234,260	\$ 13,173,642	\$ 939,382	7.7%
Operating Capital Outlay	\$ 5,028,761	\$ 1,600,959	\$ 3,473,029	\$ 12,209,830	\$ 132,830	\$ (12,077,000)	-98.9%
Fixed Capital Outlay	\$ 27,861,583	\$ 44,963,366	\$ 34,683,376	\$ 21,918,357	\$ 35,201,594	\$ 13,283,237	60.6%
Interagency Expenditures (Cooperative Funding)	\$ 256,175	\$ 664,225	\$ 725,174	\$ 90,264	\$ 26,500	\$ (63,764)	-70.6%
Debt	\$ 19,272,390	\$ 17,713,288	\$ 16,925,359	\$ 16,854,074	\$ 16,796,698	\$ (57,376)	-0.3%
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 3,000,000	\$ -	0.0%
TOTAL	\$ 85,969,365	\$ 96,615,090	\$ 86,725,466	\$ 87,486,929	\$ 90,666,693	\$ 3,179,764	3.6%

Changes and Trends

The District continues to implement projects required by the EFA, which was amended in 2013 by the Florida Legislature to include the 2012 Restoration Strategies Regional Water Quality Plan. The EFA includes specific projects and processes, the Everglades Regulatory Program and the Everglades Stormwater Program (now called the Non-ECP Basins Program). The District also continues to conduct and publish applied research on Everglades ecology and the recovery of impacted areas. Construction of Compartment B buildout at STA-2 and Compartment C buildout at STA-5/6 was completed in Fiscal Year 2011-12, increasing the area of Everglades STAs by approximately 12,000 acres, for a total effective treatment area of 57,000 acres.

In 2012, the State of Florida and the U.S. Environmental Protection Agency reached consensus on new Restoration Strategies for further improving water quality in the Everglades, which build upon the existing projects and further improve the quality of stormwater entering the Everglades. On September 10, 2012, FDEP issued the District consent orders associated with EFA and National Pollutant Discharge Elimination System (NPDES) permits, which outlined a suite of projects with deadlines for completion. The ultimate goal of the new water quality improvement features is to further reduce phosphorus concentrations and assist in achieving

IV. PROGRAM ALLOCATIONS

compliance with State water quality standards. The identified projects primarily consist of reservoirs referred to as flow equalization basins (FEBs), STA expansions, and associated infrastructure and conveyance improvements. These projects will be designed and constructed through 2025 at a total cost of approximately \$880 million. The A-1 FEB was completed and operational in July 2015 and the L-8 FEB was completed and operational in July 2017. In addition, three conveyance improvement projects have been completed to date: S-5AS Structure Modifications were completed in May 2016, the L-8 Divide Structure (G-541) was completed in July 2016 and the S-375 Expansion (G-716) was completed in April 2017. The first phase (4,300 acres of additional effective treatment area) of a 5,900-acre expansion to STA-1 West (STA-1W) is ongoing and expected to be complete by December 2018. The design of the second phase of the STA-1W expansion as well as the designs of the C-139 FEB and STA-5/6 internal improvements are expected to begin in 2018.

The Florida Legislature continues its commitment to Everglades Restoration as evidenced through the passage of House Bill 989 in 2016 (Chapter 2016-201) and Senate Bill 10 in 2017 (Chapter 2017-10), providing a recurring \$32 million appropriation for the implementation of the projects required by the Everglades Forever Act through Fiscal Year 2023-24.

Budget Variances

The Fiscal Year 2019-20 Preliminary Budget represents an increase of 3.6 percent (\$3.2 million) from the Fiscal Year 2018-19 Adopted Budget. Increases in expense categories for Contracted Services, Fixed Capital Outlay, Operating Expenses, and Salaries and Benefits, and decreases in Operating Capital Outlay and Interagency Expenditures, are due to increased cash flow requirements totaling 8.2 percent (\$2.2 million) for STA Operations and Maintenance and 2.9 percent (\$1.0 million) for the implementation of Restoration Strategies Science Plan.

Major Budget Items for this Specific Program include the following:

- Salaries and Benefits (\$18.2 million).

Appendix C includes projects that are funded with Salaries and Benefits (included in the salaries and benefits number above), Contracted Services, Operating Expenses and Fixed Capital Outlay. The projects listed on the following page are also addressed in their respective state programs.

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Project Title	Salaries and Benefits	Contracted Services	Operating Expenses	Operating Capital Outlay	Fixed Capital Outlay	Interagency Expenditures	Grand Total
G-310/G-335 Trash Rake Replacement	\$ 61,601	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 111,601
G-370/G-372 Communication Tower Grounding Modifications	\$ 20,031	\$ -	\$ 924,000	\$ -	\$ -	\$ -	\$ 944,031
Gate Overhaul Program (STA's)	\$ -	\$ -	\$ 65,869	\$ -	\$ -	\$ -	\$ 65,869
Inspection Programs-Stormwater Treatment Area	\$ -	\$ 625,000	\$ -	\$ -	\$ -	\$ -	\$ 625,000
Restoration Strategies: Overall Project	\$ 614,796	\$ 200,000	\$ -	\$ -	\$ 32,000,000	\$ -	\$ 32,814,796
RS Future Science Plan Projects	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000
RS Future Source Controls Projects	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
RS Science Plan P-Sources, Forms and Flux	\$ 380,523	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 580,523
RS Science Plan STA Water and TP Budget	\$ 141,471	\$ 158,000	\$ -	\$ -	\$ -	\$ -	\$ 299,471
RS Science Plan Deep Water Pulse on Cattail	\$ 84,636	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 184,636
RS Science Plan Faunal Abundance	\$ -	\$ 210,000	\$ -	\$ -	\$ -	\$ -	\$ 210,000
RS Science Plan L-8 FEB & STA Operational Guidance	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
RS Science Plan Lab QA/QC Support	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000
RS Science Plan Periphyton	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
RS Science Plan SAV Resiliency	\$ 32,808	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 232,808
RS Science Plan Soil Amendments	\$ 25,256	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 175,256
S-319 Automatic Transfer Switch Replacement	\$ 52,433	\$ -	\$ -	\$ -	\$ 2,500,000	\$ -	\$ 2,552,433
S-5A Pump Station Refurbishment (STA Funded)	\$ -	\$ -	\$ -	\$ -	\$ 701,594	\$ -	\$ 701,594
STA Pump Station Engine/Pump Engine Overhaul Program	\$ -	\$ -	\$ 240,000	\$ -	\$ -	\$ -	\$ 240,000
Grand Total	\$ 1,413,555	\$ 3,293,000	\$ 1,279,869	\$ -	\$ 35,201,594	\$ -	\$ 41,188,018

The following are the other Major Budget items not included in Appendix C:

- Contracted Services:
 - Operations and Maintenance - Continue STA operations and maintenance, including vegetation management, structure inspection program, site management and STA permit-required monitoring (\$1.1 million).
 - STA science and evaluation, including optimization and performance, source controls and BMP studies, and monitoring and recovery of impacted areas in the Everglades (\$459,614).
- Operating Expenses:
 - Operations and Maintenance - Continue STA operations and maintenance, including vegetation management, structure inspection program, site management and STA permit-required monitoring (\$10.3 million).
 - STA science and evaluation, including optimization and performance, source controls and BMP studies, and monitoring and recovery of impacted areas in the Everglades (\$2.2 million).
- Operating Capital Outlay:
 - Operations and Maintenance - Continue STA operations and maintenance, including vegetation management, structure inspection program, site management and STA permit-required monitoring (\$125,230).
- Fixed Capital Outlay:
 - Operations and Maintenance - Continue STA operations and maintenance, including vegetation management, structure inspection program, site management and STA permit-required monitoring (\$3.2 million).

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- Debt:
 - Debt service payments (\$16.8 million).
- Reserves:
 - Operations and Maintenance - Continue STA operations and maintenance, including vegetation management, structure inspection program, site management and STA permit-required monitoring (\$3.0 million).

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B. District Specific Programs

3. *Comprehensive Everglades Restoration Plan*

District Description

The CERP contains 68 major components that involve the creation of reservoirs, wetland-based water quality treatment areas and other features. These components will vastly improve the quantity, quality, timing, and distribution of water for the South Florida environment. Benefits will be widespread and include improvements in:

- Lake Okeechobee.
- The Caloosahatchee River and Estuary.
- The St. Lucie River and Estuary.
- The Indian River Lagoon.
- Loxahatchee Watershed, River and Estuary.
- Lake Worth Lagoon.
- Biscayne Bay & Biscayne National Park.
- Florida Bay.
- Picayune Strand.
- Big Cypress National Preserve.
- The Everglades Protection Area, including:
 - The Loxahatchee National Wildlife Refuge (WCA-1).
 - Water Conservations Areas 2 and 3.
 - Everglades National Park.

In addition, implementation of the CERP will improve and sustain water supplies for urban and agricultural needs, while maintaining current C&SF Flood Control Project purposes.

The CERP includes pilot projects to test technologies, such as aquifer storage and recovery and seepage management methods, which are essential to the implementation of CERP. The CERP also includes seven critical restoration projects, for which Project Cooperation Agreements were executed and the projects constructed by the USACE and the District.

The CERP program encompasses:

- Planning and Evaluation.

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- Pre-construction Engineering and Design.
- Real Estate Acquisition.
- Environmental Remediation and Mitigation.
- Permitting.
- Capital Construction.
- Operations and Maintenance, Repair, Rehabilitation and Replacement of Constructed Facilities.
- A Science-Based Adaptive Assessment and Monitoring Effort.
- Program Management Activities.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PROGRAM BY EXPENDITURE CATEGORY

Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20

PRELIMINARY BUDGET - Fiscal Year 2019-20

Comprehensive Everglades Restoration Plan Program

	Fiscal Year 2015-16 (Actual - Audited)	Fiscal Year 2016-17 (Actual - Audited)	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Salaries and Benefits	\$ 6,783,874	\$ 6,107,353	\$ 6,494,172	\$ 6,704,806	\$ 6,692,163	\$ (12,643)	-0.2%
Other Personal Services	\$ -	\$ 2,070	\$ -	\$ -	\$ -	\$ -	
Contracted Services	\$ 1,422,994	\$ 2,035,770	\$ 2,103,975	\$ 7,776,950	\$ 2,649,073	\$ (5,127,877)	-65.9%
Operating Expenses	\$ 6,339,649	\$ 3,280,994	\$ 3,183,941	\$ 3,951,974	\$ 3,521,449	\$ (430,525)	-10.9%
Operating Capital Outlay	\$ 6,223,049	\$ 11,308,545	\$ 9,402,101	\$ 62,800	\$ 62,800	\$ -	0.0%
Fixed Capital Outlay	\$ 65,331,245	\$ 46,300,552	\$ 79,064,356	\$ 237,556,981	\$ 274,397,007	\$ 36,840,026	15.5%
Interagency Expenditures (Cooperative Funding)	\$ 872,260	\$ 1,128,886	\$ 998,637	\$ 1,125,952	\$ 1,098,902	\$ (27,050)	-2.4%
Debt	\$ 15,725,409	\$ 15,576,335	\$ 14,316,237	\$ 13,539,551	\$ 13,575,429	\$ 35,878	0.3%
Reserves - Emergency Response	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL	\$ 102,698,480	\$ 85,740,505	\$ 115,563,419	\$ 270,719,014	\$ 301,996,823	\$ 31,277,809	11.6%

Changes and Trends

Implementation of the CERP began with Water Resources Development Act of 2000 and the execution of the Design Agreement between the USACE and the District in May 2000. The Design Agreement covers the terms and conditions for 50-50 cost-share on the costs for planning, design, development of construction plans and specifications, engineering during construction, adaptive assessment and monitoring and several CERP programmatic activities. In August of 2009, the District and the USACE executed the "Master Agreement for Cooperation in Constructing and Operating, Maintaining, Repairing, Replacing and Rehabilitating Projects Authorized to be undertaken pursuant to the Comprehensive Everglades Restoration Plan" (CERP Master Agreement). The CERP Master Agreement covers the terms and conditions for 50-50 cost-share on the costs for real estate acquisition and construction of CERP projects, as well as costs for long-term operation, maintenance, repair, replacement and rehabilitation (OMRR&R) of those projects. In 2007, Congress passed the Water Resources Development Act (WRDA) that authorized the Indian River Lagoon, Picayune Strand Restoration, and Site 1

IV. PROGRAM ALLOCATIONS

Impoundment projects. In 2014, Congress passed the Water Resources Reform and Development Act (WRRDA) that authorized four additional CERP projects: Caloosahatchee River (C-43) West Basin Storage Reservoir, Biscayne Bay Coastal Wetlands - Phase I, C-111 Spreader Canal Western and Broward County Water Preserve Areas. In the Water Resources Development Act of 2016 (WRDA 2016), Congress authorized the Central Everglades Planning Project. In the Water Resources Development Act of 2018 (WRDA 2018), Congress authorized the EAA Reservoir.

From 2000 through 2017, the District and the USACE maintained the 50-50 cost-share balance under the Design Agreement with no requirement for cash payments to the USACE. The balance was maintained by development and management of annual work plans that allocated the necessary planning and design work and expenditures between the District and the USACE. The District and USACE continue to work closely in managing the Design Agreement and CERP Master Agreement work and expenditures to maintain the 50-50 cost-share balance without the District being required to make cash contributions to the USACE. In 2004, the District initiated design and construction of several CERP projects. In recent years, the District focused available resources on five major construction projects: C-111 Spreader Canal Western, C-44 Reservoir Pump Station and Stormwater Treatment Area, Biscayne Bay Coastal Wetlands - Phase 1, Picayune Strand Restoration, and the Caloosahatchee River (C-43) West Basin Storage Reservoir. The preliminary Fiscal Year 2019-20 Budget includes new and prior years State Appropriations funding of \$268 million for planning, design, construction and land acquisition for CERP projects. The completed project features of the Biscayne Bay Coastal Wetlands - Phase I (Deering Estate Flow-way and portions of the L-31E Flow-way), C-111 Spreader Canal Western Project and Picayune Strand Restoration (Merritt Pump Station and Faka Union Pump Station) projects, Site 1 Phase 1 Project and the Melaleuca Eradication and Other Exotic Plants Research Annex are now in the post-construction Operation and Maintenance phase.

Budget Variances

The Fiscal Year 2019-20 Preliminary Budget for CERP of \$302 million represents a 11.6 percent (\$31.3 million) increase from the Fiscal Year 2018-19 Adopted Budget, primarily due to an increase in the budget for the C-43 West Basin and Everglades Agricultural Area Storage Reservoirs.

Major Budget Items for this Specific Program include the following:

- Salaries and Benefits (6.7 million).

Appendix C includes projects that are funded with Contracted Services, Operating Expenses and Fixed Capital Outlay. The projects listed below are also addressed in their respective state programs.

Project Title	Salaries and Benefits	Contracted Services	Operating Expenses	Operating Capital Outlay	Fixed Capital Outlay	Interagency Expenditures	Grand Total
2019 SA Everglades Restoration	\$ -	\$ -	\$ -	\$ -	\$ 145,500,000	\$ -	\$ 145,500,000
Biscayne Bay Coastal Wetlands Phase 1/L-31 East Flow Way	\$ -	\$ 25,000	\$ 25,000	\$ -	\$ -	\$ -	\$ 50,000
CEPP C44/C23 Interconnect	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000
CERP Land Acquisition	\$ -	\$ -	\$ -	\$ -	\$ 8,588,234	\$ -	\$ 8,588,234
Everglades Agricultural Area Reservoir (EAA) Storage Reservoir	\$ -	\$ -	\$ -	\$ -	\$ 119,308,773	\$ -	\$ 119,308,773
Grand Total	\$ -	\$ 25,000	\$ 25,000	\$ -	\$ 274,397,007	\$ -	\$ 274,447,007

IV. PROGRAM ALLOCATIONS

The following are the other Major Budget items not included in Appendix C:

Major budget items to implement the CERP in Fiscal Year 2019-20 include continued design, construction, and other activities for projects.

- Contracted Services:
 - Biscayne Bay Coastal Wetlands (\$1.5 million) – which is for Phase II project planning consistent with the Integrated Delivery.
 - RECOVER and adaptive assessment and monitoring (\$223,000).
 - WCA-3 Decentralization and Sheetflow Enhancement Part 1 Project (\$480,340) for sampling and laboratory analysis in support of Decentralization Physical Model testing.
- Operating Expenses:
 - Program Management and Support (\$3.4 million).
- Interagency Expenditures:
 - RECOVER and adaptive assessment and monitoring (\$823,902).
 - WCA-3 Decentralization and Sheetflow Enhancement Part 1 Project (\$275,000) for sampling and laboratory analysis in support of Decentralization Physical Model testing.
- Debt:
 - Program Management and Support (\$13.6 million).

IV. PROGRAM ALLOCATIONS

C. Program Allocations by Area of Responsibility

Subsection 373.535(1)(a)2., F.S., requires the District to report the total estimated amount in the District budget for each area of responsibility (AOR). All programs and activities at water management districts are categorized by four AORs: water supply, water quality, flood protection and floodplain management, and natural systems.

Expenditures in the four AORs are provided only at the program level. These AOR (water supply, water quality, flood protection and floodplain management, and natural systems) expenditures are estimates only and have been allocated among the programs, since a project may serve more than one purpose.

Therefore, the AOR expenditures should be viewed only as one indication of whether the District is adequately addressing each AOR.

The following tables provide the AOR expenditures for Fiscal Year 2017-18 (Actual – Unaudited), Fiscal Year 2018-19 (Adopted Budget) and Fiscal Year 2019-20 (Preliminary Budget).

IV. PROGRAM ALLOCATIONS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT PROGRAMS, ACTIVITIES AND SUBACTIVITIES BY AREA OF RESPONSIBILITY

Fiscal Year 2017-18 (Actual - Unaudited)
PRELIMINARY BUDGET - Fiscal Year 2019-20

PROGRAMS, ACTIVITIES AND SUB-ACTIVITIES	Fiscal Year 2017-18 (Actual - Unaudited)	Water Supply	Water Quality	Flood Protection	Natural Systems
1.0 Water Resources Planning and Monitoring	\$36,109,898	\$6,899,672	\$18,364,520	\$1,570,851	\$9,274,855
1.1 - District Water Management Planning	12,509,353	X	X	X	X
1.1.1 Water Supply Planning	4,883,458	X			X
1.1.2 Minimum Flows and Levels	412,547	X			X
1.1.3 Other Water Resources Planning	7,213,348	X	X	X	X
1.2 - Research, Data Collection, Analysis and Monitoring	20,978,071	X	X	X	X
1.3 - Technical Assistance	201,466	X			X
1.4 - Other Water Resources Planning and Monitoring Activities	0				
1.5 - Technology & Information Services	2,421,008		X		X
2.0 Land Acquisition, Restoration and Public Works	\$213,105,656	\$32,127,303	\$72,668,045	\$2,916,051	\$105,394,257
2.1 - Land Acquisition	0				
2.2 - Water Source Development	2,260,440	X			
2.2.1 Water Resource Development Projects	242,264	X			
2.2.2 Water Supply Development Assistance	2,018,176	X			
2.2.3 Other Water Source Development Activities	0				
2.3 - Surface Water Projects	208,577,175	X	X	X	X
2.4 - Other Cooperative Projects	586,334	X			
2.5 - Facilities Construction and Major Renovations	0				
2.6 - Other Acquisition and Restoration Activities	0				
2.7 - Technology & Information Service	1,681,707		X	X	X
3.0 Operation and Maintenance of Lands and Works	\$197,299,464	\$46,232,315	\$29,310,814	\$104,176,023	\$17,580,312
3.1 - Land Management	11,367,294	X	X	X	X
3.2 - Works	139,029,971	X	X	X	X
3.3 - Facilities	4,620,895	X	X	X	X
3.4 - Invasive Plant Control	20,923,315	X	X	X	X
3.5 - Other Operation and Maintenance Activities	4,274,942	X	X	X	X
3.6 - Fleet Services ⁽²⁾	7,128,494	X	X	X	X
3.7 - Technology & Information Services ⁽¹⁾	9,954,553	X	X	X	X
4.0 Regulation	\$15,673,086	\$5,862,598	\$2,366,644	\$3,805,221	\$3,638,623
4.1 - Consumptive Use Permitting	4,324,678	X			
4.2 - Water Well Construction Permitting and Contractor Licensing	0				
4.3 - Environmental Resource and Surface Water Permitting	8,014,933	X	X	X	X
4.4 - Other Regulatory and Enforcement Activities	624,555	X	X	X	X
4.5 - Technology & Information Service	2,708,920	X	X	X	X
5.0 Outreach	\$1,069,116	\$278,160	\$263,652	\$263,652	\$263,652
5.1 - Water Resource Education	0				
5.2 - Public Information	1,060,616	X	X	X	X
5.3 - Public Relations	0				
5.4 - Cabinet & Legislative Affairs	8,500	X	X	X	X
5.5 - Other Outreach Activities	0				
5.6 - Technology & Information Service	0				
<i>SUBTOTAL - Major Programs (excluding Management and Administration)</i>	<i>\$463,257,220</i>				
6.0 District Management and Administration	\$30,987,431				
6.1 - Administrative and Operations Support	25,093,604				
6.1.1 - Executive Direction	352,009				
6.1.2 - General Counsel / Legal	3,269,998				
6.1.3 - Inspector General	813,253				
6.1.4 - Administrative Support	7,572,708				
6.1.5 - Fleet Services	0				
6.1.6 - Procurement / Contract Administration	1,868,653				
6.1.7 - Human Resources	1,529,331				
6.1.8 - Communications	229,806				
6.1.9 - Technology & Information Services	9,457,848				
6.2 - Computer/Computer Support	0				
6.3 - Reserves	0				
6.4 - Other - (Tax Collector / Property Appraiser Fees)	5,893,827				
TOTAL	\$494,244,651				

IV. PROGRAM ALLOCATIONS

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
PROGRAMS, ACTIVITIES AND SUBACTIVITIES BY AREA OF RESPONSIBILITY**
Fiscal Year 2018-19 (Adopted)
PRELIMINARY BUDGET - Fiscal Year 2019-20

PROGRAMS, ACTIVITIES AND SUB-ACTIVITIES	Fiscal Year 2018-19 (Adopted)	Water Supply	Water Quality	Flood Protection	Natural Systems
1.0 Water Resources Planning and Monitoring	\$53,144,571	\$18,924,211	\$20,487,613	\$2,093,857	\$11,638,890
1.1 - District Water Management Planning	25,032,011	X	X	X	X
1.1.1 Water Supply Planning	17,025,186	X			X
1.1.2 Minimum Flows and Levels	303,691	X			X
1.1.3 Other Water Resources Planning	7,703,134	X	X	X	X
1.2 - Research, Data Collection, Analysis and Monitoring	24,873,808	X	X	X	X
1.3 - Technical Assistance	210,833	X			X
1.4 - Other Water Resources Planning and Monitoring Activities	0				
1.5 - Technology & Information Services	3,027,919		X		X
2.0 Land Acquisition, Restoration and Public Works	\$417,023,428	\$65,593,276	\$145,117,965	\$3,817,669	\$202,494,518
2.1 - Land Acquisition	0				
2.2 - Water Source Development	279,211	X			
2.2.1 Water Resource Development Projects	228,152	X			
2.2.2 Water Supply Development Assistance	51,059	X			
2.2.3 Other Water Source Development Activities	0				
2.3 - Surface Water Projects	414,804,111	X	X	X	X
2.4 - Other Cooperative Projects	277,514	X			
2.5 - Facilities Construction and Major Renovations	0	X	X	X	X
2.6 - Other Acquisition and Restoration Activities	0				
2.7 - Technology & Information Service	1,662,592		X	X	X
3.0 Operation and Maintenance of Lands and Works	\$283,437,024	\$73,515,832	\$36,705,862	\$146,228,061	\$26,987,269
3.1 - Land Management	17,377,516	X	X	X	X
3.2 - Works	209,179,908	X	X	X	X
3.3 - Facilities	3,933,824	X	X	X	X
3.4 - Invasive Plant Control	29,864,510	X	X	X	X
3.5 - Other Operation and Maintenance Activities	5,099,740	X	X	X	X
3.6 - Fleet Services ⁽²⁾	7,945,076	X	X	X	X
3.7 - Technology & Information Services ⁽¹⁾	10,036,450	X	X	X	X
4.0 Regulation	\$22,067,874	\$7,678,254	\$3,784,523	\$5,500,270	\$5,104,827
4.1 - Consumptive Use Permitting	5,222,979	X			
4.2 - Water Well Construction Permitting and Contractor Licensing	0				
4.3 - Environmental Resource and Surface Water Permitting	8,936,028	X	X	X	X
4.4 - Other Regulatory and Enforcement Activities	4,783,558	X	X	X	X
4.5 - Technology & Information Service	3,125,309	X	X	X	X
5.0 Outreach	\$1,125,455	\$288,425	\$279,010	\$279,010	\$279,010
5.1 - Water Resource Education	0				
5.2 - Public Information	1,093,955	X	X	X	X
5.3 - Public Relations	0				
5.4 - Cabinet & Legislative Affairs	31,500	X	X	X	X
5.5 - Other Outreach Activities	0				
5.6 - Technology & Information Service	0				
<i>SUBTOTAL - Major Programs (excluding Management and Administration)</i>	<i>\$776,798,352</i>				
6.0 District Management and Administration	\$37,098,701				
6.1 - Administrative and Operations Support	30,348,589				
6.1.1 - Executive Direction	593,241				
6.1.2 - General Counsel / Legal	2,709,532				
6.1.3 - Inspector General	820,586				
6.1.4 - Administrative Support	12,001,999				
6.1.5 - Fleet Services	0				
6.1.6 - Procurement / Contract Administration	2,040,942				
6.1.7 - Human Resources	1,727,646				
6.1.8 - Communications	428,740				
6.1.9 - Technology & Information Services	10,025,903				
6.2 - Computer/Computer Support	0				
6.3 - Reserves	0				
6.4 - Other - (Tax Collector / Property Appraiser Fees)	6,750,112				
TOTAL	\$813,897,053				

IV. PROGRAM ALLOCATIONS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT PROGRAMS, ACTIVITIES AND SUBACTIVITIES BY AREA OF RESPONSIBILITY

Fiscal Year 2019-20 (Preliminary Budget)
PRELIMINARY BUDGET - Fiscal Year 2019-20

PROGRAMS, ACTIVITIES AND SUB-ACTIVITIES	Fiscal Year 2019-20 (Preliminary Budget)	Water Supply	Water Quality	Flood Protection	Natural Systems
1.0 Water Resources Planning and Monitoring	\$50,604,009	\$18,179,240	\$19,958,298	\$1,743,405	\$10,723,066
1.1 - District Water Management Planning	22,495,715	X	X	X	X
1.1.1 Water Supply Planning	16,068,869	X			X
1.1.2 Minimum Flows and Levels	305,545	X			X
1.1.3 Other Water Resources Planning	6,121,301	X	X	X	X
1.2 - Research, Data Collection, Analysis and Monitoring	24,858,387	X	X	X	X
1.3 - Technical Assistance	211,601	X			X
1.4 - Other Water Resources Planning and Monitoring Activities	0				
1.5 - Technology & Information Services	3,038,306		X		X
2.0 Land Acquisition, Restoration and Public Works	\$396,937,173	\$71,376,676	\$104,282,819	\$3,222,396	\$218,055,282
2.1 - Land Acquisition	0				
2.2 - Water Source Development	280,678	X			
2.2.1 Water Resource Development Projects	229,432	X			
2.2.2 Water Supply Development Assistance	51,246	X			
2.2.3 Other Water Source Development Activities	0				
2.3 - Surface Water Projects	394,715,267	X	X	X	X
2.4 - Other Cooperative Projects	279,240	X			
2.5 - Facilities Construction and Major Renovations	0	X	X	X	X
2.6 - Other Acquisition and Restoration Activities	0				
2.7 - Technology & Information Service	1,661,988		X	X	X
3.0 Operation and Maintenance of Lands and Works	\$304,867,134	\$77,412,826	\$40,787,925	\$150,876,964	\$35,789,419
3.1 - Land Management	27,713,033	X	X	X	X
3.2 - Works	216,983,393	X	X	X	X
3.3 - Facilities	3,940,864	X	X	X	X
3.4 - Invasive Plant Control	33,005,181	X	X	X	X
3.5 - Other Operation and Maintenance Activities	5,121,558	X	X	X	X
3.6 - Fleet Services ⁽²⁾	7,984,379	X	X	X	X
3.7 - Technology & Information Services ⁽¹⁾	10,118,726	X	X	X	X
4.0 Regulation	\$21,917,587	\$7,654,991	\$3,746,802	\$5,454,591	\$5,061,203
4.1 - Consumptive Use Permitting	5,209,077	X			
4.2 - Water Well Construction Permitting and Contractor Licensing	0				
4.3 - Environmental Resource and Surface Water Permitting	8,840,752	X	X	X	X
4.4 - Other Regulatory and Enforcement Activities	4,798,426	X	X	X	X
4.5 - Technology & Information Service	3,069,332	X	X	X	X
5.0 Outreach	\$1,131,666	\$290,004	\$280,554	\$280,554	\$280,554
5.1 - Water Resource Education	0				
5.2 - Public Information	1,100,166	X	X	X	X
5.3 - Public Relations	0				
5.4 - Cabinet & Legislative Affairs	31,500	X	X	X	X
5.5 - Other Outreach Activities	0				
5.6 - Technology & Information Service	0				
<i>SUBTOTAL - Major Programs (excluding Management and Administration)</i>	<i>\$775,457,569</i>				
6.0 District Management and Administration	\$37,672,218				
6.1 - Administrative and Operations Support	30,912,336				
6.1.1 - Executive Direction	600,120				
6.1.2 - General Counsel / Legal	2,691,517				
6.1.3 - Inspector General	850,326				
6.1.4 - Administrative Support	11,848,728				
6.1.5 - Fleet Services	0				
6.1.6 - Procurement / Contract Administration	2,055,677				
6.1.7 - Human Resources	1,729,107				
6.1.8 - Communications	428,740				
6.1.9 - Technology & Information Services	10,708,121				
6.2 - Computer/Computer Support	0				
6.3 - Reserves	0				
6.4 - Other - (Tax Collector / Property Appraiser Fees)	6,759,882				
TOTAL	\$813,129,787				

V. SUMMARY OF STAFFING LEVELS

This section summarizes workforce levels at the District from Fiscal Year 2015-16 to Fiscal Year 2019-20.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SUMMARY OF WORKFORCE
 Fiscal Years 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20
 PRELIMINARY BUDGET - Fiscal Year 2019-20

PROGRAM	WORKFORCE CATEGORY	2015-16 to 2019-20					Adopted to Preliminary 2018-19 to 2019-20			
		Difference	% Change	2015-16	2016-17	2017-18	2018-19	2019-20	Difference	% Change
All Programs	Authorized Positions	(55)	-3.59%	1,530	1,475	1,475	1,475	1,475	-	0.00%
	Contingent Worker	-		-	-	-	-	-	-	
	Other Personal Services	(1)	-20.00%	5	4	4	4	4	-	0.00%
	Intern	-		-	-	-	-	-	-	
	Volunteer	-		-	-	-	-	-	-	
	TOTAL WORKFORCE	(56)	-3.65%	1,535	1,479	1,479	1,479	1,479	-	0.00%
Water Resource Planning and Monitoring	Authorized Positions	6	2.52%	238	232	238	244	244	-	0.00%
	Contingent Worker	-		0	0	0	0	0	-	
	Other Personal Services	(1)	-50.00%	2	1	1	1	1	-	0.00%
	Intern	-		0	0	0	0	0	-	
	Volunteer	-		0	0	0	0	0	-	
	TOTAL WORKFORCE	5	2.08%	240	233	239	245	245	-	0.00%
Land Acquisition, Restoration and Public Works	Authorized Positions	(6)	-4.00%	150	128	122	144	144	-	0.00%
	Contingent Worker	-		0	0	0	0	0	-	
	Other Personal Services	-		0	0	0	0	0	-	
	Intern	-		0	0	0	0	0	-	
	Volunteer	-		0	0	0	0	0	-	
	TOTAL WORKFORCE	(6)	-4.00%	150	128	122	144	144	-	0.00%
Operation and Maintenance of Lands and Works	Authorized Positions	(1)	-0.13%	751	754	758	750	750	-	0.00%
	Contingent Worker	-		0	0	0	0	0	-	
	Other Personal Services	-	0.00%	1	1	1	1	1	-	0.00%
	Intern	-		0	0	0	0	0	-	
	Volunteer	-		0	0	0	0	0	-	
	TOTAL WORKFORCE	(1)	-0.13%	752	755	759	751	751	-	0.00%
Regulation	Authorized Positions	(45)	-21.53%	209	191	188	164	164	-	0.00%
	Contingent Worker	-		0	0	0	0	0	-	
	Other Personal Services	-	0.00%	2	2	2	2	2	-	0.00%
	Intern	-		0	0	0	0	0	-	
	Volunteer	-		0	0	0	0	0	-	
	TOTAL WORKFORCE	(45)	-21.33%	211	193	190	166	166	-	0.00%
Outreach	Authorized Positions	(12)	-57.14%	21	10	9	9	9	-	0.00%
	Contingent Worker	-		0	0	0	0	0	-	
	Other Personal Services	-		0	0	0	0	0	-	
	Intern	-		0	0	0	0	0	-	
	Volunteer	-		0	0	0	0	0	-	
	TOTAL WORKFORCE	(12)	-57.14%	21	10	9	9	9	-	0.00%
Management and Administration	Authorized Positions	3	1.86%	161	160	160	164	164	-	0.00%
	Contingent Worker	-		0	0	0	0	0	-	
	Other Personal Services	-		0	0	0	0	0	-	
	Intern	-		0	0	0	0	0	-	
	Volunteer	-		0	0	0	0	0	-	
	TOTAL WORKFORCE	3	1.86%	161	160	160	164	164	-	0.00%

VI. PERFORMANCE MEASURES

This section presents a selection of process performance measurements that were developed through a joint effort with the Department of Environmental Protection and all five water management districts. These measures reflect three of the core mission areas of the District – natural systems, water quality, and water supply – as well as mission support activities. The information is reported as of the end of Fiscal Year 2017-18 and is in a standard format developed for this report.

Overall Goal: The District budget maintains core missions and prioritized programs are administered both effectively and efficiently.

A. Natural Systems

Primary Goal: To restore the hydrology of natural systems and improve water quality of natural systems.

- Natural System Objective 1: Maintain the integrity and functions of water resources and related natural systems.
 - Number of Minimum Flows and Minimum Water Levels (MFLs) and Reservations, by water body type, established annually (Fiscal Year) and cumulatively.
 - Number and percentage of water bodies meeting their adopted MFLs.

South Florida Water Management District
PERFORMANCE MEASURES - NATURAL SYSTEMS
 Fiscal Year 2017-18 End of Year Performance Data
 Preliminary Budget - January 15, 2019

Natural System Primary Goal: To restore the hydrology of natural systems and improve water quality of natural systems.

NS Objective 1: Maintain the integrity and functions of water resources and related natural systems		
Annual Measures	Fiscal Year 2017-18	
Number of MFLs and Reservations, by water body type, established annually (fiscal year) and cumulatively	Annual	Cumulative
Aquifer	0	14
Estuary	0	6
Lake	0	2
River	0	2
Spring	0	0
Wetland	0	21
Number and percentage of water bodies meeting their adopted MFLs	Annual	Percent
Number of water bodies meeting MFLs	17	42.50%
Number of water bodies with adopted MFLs	40	

VI. PERFORMANCE MEASURES

- Natural System Objective 2: Restore or improve degraded water resources and related natural systems to a naturally functioning condition.
 - For water bodies not meeting their adopted MFLs, the number and percentage of those water bodies within an adopted or approved recovery prevention strategy.

South Florida Water Management District
PERFORMANCE MEASURES - NATURAL SYSTEMS
 Fiscal Year 2017-18 End of Year Performance Data
 Preliminary Budget - January 15, 2019

Natural System Primary Goal: To restore the hydrology of natural systems and improve water quality of natural systems.

NS Objective 2: Restore or improve degraded water resources and related natural systems to a naturally functioning condition.		
Annual Measures	Fiscal Year 2017-18	
For water bodies not meeting their adopted MFLs, the number and percentage of those water bodies with an adopted recovery or prevention strategy.	Annual	Percent
Number of water bodies with an adopted recovery or prevention strategy	23	100.00%
Number of water bodies supposed to have an adopted recovery or prevention strategy	23	

B. Water Quality

Primary Goal: To achieve and maintain surface water quality standards.

- Water Quality Objective 1: Identify the efficiency of permit review, issuance and relative cost of permit processing.
 - For closed applications, median time to process Environmental Resource Permits (ERPs) by permit type and total.
 - For ERPs, cost to issue permit for all permit types.
 - For ERPs, in-house application to staff ratio for all permit types.

South Florida Water Management District
PERFORMANCE MEASURES - WATER QUALITY
 Fiscal Year 2017-18 End of Year Performance Data
 Preliminary Budget - January 15, 2019

Water Quality Primary Goal: To achieve and maintain surface water quality standards

WQ Objective 1: Identify the efficiency of permit review, issuance and relative cost of permit processing.										
Quarterly Measures	Quarter 1		Quarter 2		Quarter 3		Quarter 4		FY 2017-18 Annualized Performance	
For closed applications, the median time to process ERP by permit type and total.	Median		Median		Median		Median		Median	
Exemptions and noticed general permits	16.00		14.00		14.00		16.00		15.00	
Individually processed permits	21.00		22.00		22.00		22.00		22.00	
All authorizations combined	20.00		19.00		20.00		21.00		20.00	
For ERPs, cost to issue permit for all permit types	Number	Cost/Permit	Number	Cost/Permit	Number	Cost/Permit	Number	Cost	Number	Cost/Permit
Total cost	\$415,922.22	\$577.67	\$265,311.17	\$360.48	\$271,061.17	\$342.68	\$264,405.23	\$343.38	\$1,216,699.79	\$403.28
Number of permits	720		736		791		770		3,017	
For ERP, In-House Application to Staff Ratio for All Permit Types	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio
Total number of open applications	720	28.02	736	43.29	791	46.53	770	45.40	3,017	39.36
Number of staff for the permit area	25.70		17.00		17.00		16.96		76.66	

VI. PERFORMANCE MEASURES

C. Water Supply

Primary Goal: To ensure a safe and adequate source of water for all users.

- Water Supply Objective 1: Increase available water supplies and maximize overall water use efficiency to meet identified existing and future needs.
 - Districtwide, estimated amount of water (million gallons per day_ made available through projects that the District has constructed or contributed funding to, excluding conservation projects.
 - Uniform residential per capita water use (Public Supply) by District (gallons per capita per day).

South Florida Water Management District
PERFORMANCE MEASURES - WATER SUPPLY
 Fiscal Year 2017-18 End of Year Performance Data
 Preliminary Budget - January 15, 2019

Water Supply Primary Goal: To ensure a safe and adequate source of water for all users

Annual Measure		Fiscal Year 2017-18
WS Objective 1: Increase available water supplies and maximize overall water use efficiency to meet identified existing and future needs.		
District-wide, the quantity (mgd) of the 2010-2030 Public Supply increase in demand that has been met, excluding water conservation projects	*	MGD 260
Uniform residential per capita water use (Public Supply) by District (gallons per capita per day).	*	GPCD 82.00

* Updated FY2017-18 Data Available Late January 2019

Water Supply Objective 2: To identify the efficiency of permit review and issuance and relative cost of permit processing.

- For closed applications, median time to process Consumptive Use Permits (CUPs) by permit type and total.
- For CUPs, cost to issue permit for all permit types.
- For CUPs, in-house application to staff ratio for all permit types.

VI. PERFORMANCE MEASURES

South Florida Water Management District
PERFORMANCE MEASURES - WATER SUPPLY
 Fiscal Year 2017-18 End of Year Performance Data
 Preliminary Budget - January 15, 2019

Water Supply Primary Goal: To ensure a safe and adequate source of water for all users

WS Objective 2: To identify the efficiency of permit review and issuance and relative cost of permit processing.										
Quarterly Measures	Quarter 1		Quarter 2		Quarter 3		Quarter 4		FY 2017-18 Annualized Performance	
For closed applications, the median time to process CUP by permit type and total.	Median		Median		Median		Median		Median	
Individually processed permits (all sizes)	5.00		4.00		6.00		6.00		5.00	
All authorizations combined	6.00		4.00		6.00		6.00		6.00	
For CUPs, cost to issue permit for all permit types (BPM and Metric - Report Quarterly Measures)	Number	Cost	Number	Cost	Number	Cost	Number	Cost	Number	Cost
Total cost	\$282,306.00	\$588.14	\$210,966.57	\$404.15	\$211,087.31	\$367.11	\$185,860.16	\$325.50	\$890,220.04	\$414.44
Number of permits	480		522		575		571		2,148	
For CUP, In-House application to staff ratio for all permit types (Metric - Report Quarterly Measures)	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio	Number	Ratio
Total number of open applications	480		522		575		571		2,148	
Number of staff for the permit area	17.60		13.60		14.10		12.80		58.10	

D. Mission Support

Primary Goal: Support District core programs both effectively and efficiently.

- Mission Support Objective 1: To assess the ongoing costs of administrative and support operations in order to achieve optimal efficiency to minimize costs.
 - Administrative costs as a percentage of total expenditures (cumulative totals reported for each quarter during a fiscal year).

South Florida Water Management District
PERFORMANCE MEASURES - MISSION SUPPORT
 Fiscal Year 2017-18 End of Year Performance Data
 Preliminary Budget - January 15, 2019

Mission Support Primary Goal: Support District core programs both effectively and efficiently.

MS Objective 1: To assess the ongoing costs of administrative and support operations in order to achieve optimal efficiency to minimize costs.		
Annual Measure	Fiscal Year 2017-18	
	Number	Percentage
Administrative Costs (State 5-6) as a Percentage of Total Expenditures (report cumulative totals for each quarter during a fiscal year)		
Administrative Costs (State 5-6)	\$36,663,980	7.11%
Total expenditures (State 1-6)	\$515,563,916	

VII. BASIN BUDGETS

The Florida State Legislature enacted the Water Resources Act in 1972 which divided the state into five regional Water Management Districts defined along natural river basin boundaries. This Act (Chapter 373) also greatly expanded the responsibilities of the Districts. Further definition of water management roles was established as a result of a legislative amendment resulting in the establishment of two basin boards within the South Florida Water Management District. The basins were named Okeechobee Basin and Big Cypress Basin.

A. Big Cypress Basin

The Big Cypress Basin encompasses all of Collier and a small portion of mainland Monroe counties. The basin also includes the natural lands of the Corkscrew Swamp and Sanctuary, the Big Cypress National Preserve, the Florida Panther National Wildlife Refuge, the Fakahatchee Strand, the Corkscrew Regional Ecosystem Watershed, Picayune Strand State Forest, and the 10,000 Islands. Programs include the Big Cypress Basin Watershed Management Plan, stormwater projects, and other capital improvements projects to store additional water, recharge groundwater, and improve water quality in Naples Bay.

Property owners within the Big Cypress Basin were most recently assessed through the Fiscal Year 2018-19 Adopted Budget the aggregate rolled-back millage rate of 0.2440 mills which is comprised of the District-at-large rolled-back millage rate of 0.1209 mills and the Big Cypress Basin rolled-back millage rate of 0.1231 mills.

When certified property values are received from the property appraisers in July, the datum from all counties in the District's jurisdiction is compiled and calculated to determine the rolled-back rates for the District. The annual property tax cycle known as TRIM (Truth in Millage) as defined by Florida Statute begins with the certification of taxable values every July 1st so taxing authorities can determine the millage rates to levy ad valorem taxes. Final millage rates and budget for the proposed Fiscal Year 2019-20 Big Cypress Basin Budget will be presented for discussion and approval by the Basin Board in August and will be presented for discussion and adoption by the District Board in September 2019.

VII. BASIN BUDGETS

ACTUAL UNAUDITED - REVENUES, EXPENDITURES, AND PERSONNEL BY PROGRAM FOR FISCAL YEAR 2017-18

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Big Cypress Basin

	Water Resource Planning and Monitoring	Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	Management and Administration	TOTAL
REVENUES							
<i>Non-dedicated Revenues</i>							
Reserves							
Ad Valorem Taxes							
Permit & License Fees							
Local Revenues							
State General Revenue							
Miscellaneous Revenues							
<i>Non-dedicated Revenues Subtotal</i>							\$ -
<i>Dedicated Revenues</i>							
Reserves			\$ 4,224,771				\$ 4,224,771
Ad Valorem Taxes	1,668,089	504,440	7,786,298	-	-	288,866	\$ 10,247,693
Permit & License Fees							\$ -
Local Revenues							\$ -
Ag Privilege Tax							\$ -
Ecosystem Management Trust Fund							\$ -
FDEP/EPC Gardiner Trust Fund							\$ -
FDOT/Mitigation							\$ -
Water Management Lands Trust Fund							\$ -
Water Quality Assurance Trust Fund							\$ -
Florida Forever							\$ -
State General Revenue							\$ -
Other State Revenue							\$ -
Alligator Alley Tolls							\$ -
Federal Revenues							\$ -
Miscellaneous Revenues			54,236				\$ 54,236
<i>Dedicated Revenues Subtotal</i>	1,668,089	504,440	12,065,305	-	-	288,866	\$ 14,526,700
TOTAL REVENUES	\$ 1,668,089	\$ 504,440	\$ 12,065,305	\$ -	\$ -	\$ 288,866	\$ 14,526,700
EXPENDITURES							
Salaries and Benefits	\$ 376,655	\$ 35	\$ 1,634,640	\$ -	\$ -	\$ -	\$ 2,011,330
Other Personal Services	-	-	-	-	-	-	\$ -
Contracts	-	-	587,562	-	-	4,700	\$ 592,262
Operating Expenses	138,972	-	4,477,837	-	-	284,166	\$ 4,900,975
Operating Capital Outlay	-	-	908,338	-	-	-	\$ 908,338
Fixed Capital Outlay	-	-	4,456,703	-	-	-	\$ 4,456,703
Interagency Expenditures	1,152,462	504,405	-	-	-	-	\$ 1,656,867
Debt	-	-	225	-	-	-	\$ 225
Reserves	-	-	-	-	-	-	\$ -
TOTAL EXPENDITURES	\$ 1,668,089	\$ 504,440	\$ 12,065,305	\$ -	\$ -	\$ 288,866	\$ 14,526,700
PERSONNEL							
Full-time Equivalents	4	0	23	0	0	0	27
Contract/Other	0	0	0	0	0	0	0
TOTAL PERSONNEL	4	0	23	0	0	0	27

VII. BASIN BUDGETS

ADOPTED BUDGET - REVENUES, EXPENDITURES, AND PERSONNEL BY PROGRAM FOR FISCAL YEAR 2018-19

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Big Cypress Basin

	Water Resource Planning and Monitoring	Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	Management and Administration	TOTAL
REVENUES							
<i>Non-dedicated Revenues</i>							
Reserves							
Ad Valorem Taxes							
Permit & License Fees							
Local Revenues							
State General Revenue							
Miscellaneous Revenues							
<i>Non-dedicated Revenues Subtotal</i>							\$ -
<i>Dedicated Revenues</i>							
Reserves	\$ 6,815		\$ 4,532,316	\$ -	\$ -	\$ -	\$ 4,539,131
Ad Valorem Taxes	3,681,744		6,381,005			330,901	\$ 10,393,650
Permit & License Fees			8,000				\$ 8,000
Local Revenues							\$ -
Ag Privilege Tax							\$ -
Ecosystem Management Trust Fund							\$ -
FDEP/EPC Gardiner Trust Fund							\$ -
FDOT/Mitigation							\$ -
Water Management Lands Trust Fund							\$ -
Water Quality Assurance Trust Fund							\$ -
Florida Forever							\$ -
State General Revenue							\$ -
Other State Revenue							\$ -
Alligator Alley Tolls							\$ -
Federal Revenues							\$ -
Miscellaneous Revenues			272,877				\$ 272,877
<i>Dedicated Revenues Subtotal</i>	3,688,559		11,194,198			330,901	\$ 15,213,658
TOTAL REVENUES	\$ 3,688,559	\$ -	\$ 11,194,198	\$ -	\$ -	\$ 330,901	\$ 15,213,658
EXPENDITURES							
Salaries and Benefits	\$ 667,462	\$ -	\$ 1,953,531	\$ -	\$ -	\$ -	\$ 2,620,993
Other Personal Services							\$ -
Contracts	96,000		313,444				\$ 409,444
Operating Expenses	149,220		2,178,363			330,901	\$ 2,658,484
Operating Capital Outlay			265,000				\$ 265,000
Fixed Capital Outlay			4,421,360				\$ 4,421,360
Interagency Expenditures	2,775,877		62,500				\$ 2,838,377
Debt							\$ -
Reserves			2,000,000				\$ 2,000,000
TOTAL EXPENDITURES	\$ 3,688,559	\$ -	\$ 11,194,198	\$ -	\$ -	\$ 330,901	\$ 15,213,658
PERSONNEL							
Full-time Equivalents	6	0	22	0	0	0	28
Contract/Other	0	0	0	0	0	0	0
TOTAL PERSONNEL	6	0	22	0	0	0	28

VII. BASIN BUDGETS

PRELIMINARY BUDGET - REVENUES, EXPENDITURES, AND PERSONNEL BY PROGRAM FOR FISCAL YEAR 2019-20

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Big Cypress Basin

	Water Resource Planning and Monitoring	Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	Management and Administration	TOTAL
REVENUES							
<i>Non-dedicated Revenues</i>							
Reserves							
Ad Valorem Taxes							
Permit & License Fees							
Local Revenues							
State General Revenue							
Miscellaneous Revenues							
<i>Non-dedicated Revenues Subtotal</i>							\$ -
<i>Dedicated Revenues</i>							
Reserves			\$ 2,000,000	\$ -	\$ -		\$ 2,000,000
Ad Valorem Taxes	2,531,811	-	7,666,291	-	-	340,671	\$ 10,538,773
Permit & License Fees	-	-	8,000	-	-	-	\$ 8,000
Local Revenues	-	-	-	-	-	-	\$ -
Ag Privilege Tax	-	-	-	-	-	-	\$ -
Ecosystem Management Trust Fund	-	-	-	-	-	-	\$ -
FDEP/EPC Gardiner Trust Fund	-	-	-	-	-	-	\$ -
FDOT/Mitigation	-	-	-	-	-	-	\$ -
Water Management Lands Trust Fund	-	-	-	-	-	-	\$ -
Water Quality Assurance Trust Fund	-	-	-	-	-	-	\$ -
Florida Forever	-	-	-	-	-	-	\$ -
State General Revenue	-	-	-	-	-	-	\$ -
Other State Revenue	-	-	-	-	-	-	\$ -
Alligator Alley Tolls	-	-	-	-	-	-	\$ -
Federal Revenues	-	-	-	-	-	-	\$ -
Miscellaneous Revenues	-	-	274,661	-	-	-	\$ 274,661
<i>Dedicated Revenues Subtotal</i>	2,531,811	-	9,948,952	-	-	340,671	\$ 12,821,434
TOTAL REVENUES	\$ 2,531,811	\$ -	\$ 9,948,952	\$ -	\$ -	\$ 340,671	\$ 12,821,434
EXPENDITURES							
Salaries and Benefits	\$ 673,941	\$ -	\$ 1,959,345	\$ -	\$ -	\$ -	\$ 2,633,286
Other Personal Services	-	-	-	-	-	-	\$ -
Contracts	456,000	-	88,444	-	-	-	\$ 544,444
Operating Expenses	151,870	-	3,882,663	-	-	340,671	\$ 4,375,204
Operating Capital Outlay	-	-	456,000	-	-	-	\$ 456,000
Fixed Capital Outlay	-	-	1,500,000	-	-	-	\$ 1,500,000
Interagency Expenditures	1,250,000	-	62,500	-	-	-	\$ 1,312,500
Debt	-	-	-	-	-	-	\$ -
Reserves	-	-	2,000,000	-	-	-	\$ 2,000,000
TOTAL EXPENDITURES	\$ 2,531,811	\$ -	\$ 9,948,952	\$ -	\$ -	\$ 340,671	\$ 12,821,434
PERSONNEL							
Full-time Equivalents	6	0	22	0	0	0	28
Contract/Other	0	0	0	0	0	0	0
TOTAL PERSONNEL	6	0	22	0	0	0	28

VII. BASIN BUDGETS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SOURCES, USES, AND WORKFORCE COMPARISON FOR THREE FISCAL YEARS
 Fiscal Years 2017-18 (Actual - Unaudited) 2018-19 (Adopted) 2019-20 (Preliminary)
 PRELIMINARY BUDGET - Fiscal Year 2019-20

Big Cypress Basin

AD VALOREM TAX COMPARISON BIG CYPRESS BASIN	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	(Preliminary -- Adopted)	(Preliminary -- Adopted)
Ad Valorem Taxes	\$ 10,247,693	\$ 10,393,650	\$ 10,413,773		
New Construction Estimate		\$ 244,320	\$ 125,000		
Millage Rate	0.1270	0.1231	0.1211		
Rolled-Back Rate	0.1270	0.1231	0.1211		
Percent Change from Rolled-Back Rate	0.00%	0.00%	0.00%		
Current Year Gross Taxable Value for Operating Purposes	\$ 83,700,890,821	\$ 88,410,677,526	\$ 91,505,051,054	\$ 3,094,373,528	3.5%
Current Year Net New Taxable Value	\$ 2,491,679,654	\$ 2,077,854,081	\$ 1,679,147,959	\$ (398,706,122)	-19.2%
Current Year Adjusted Taxable Value	\$ 81,209,211,167	\$ 86,332,823,445	\$ 89,825,903,095	\$ 3,493,079,650	4.0%
SOURCE OF FUNDS					
	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
<i>Non-dedicated Source of Funds</i>					
Reserves	-	-	-	-	-
Ad Valorem Taxes	-	-	-	-	-
Permit & License Fees	-	-	-	-	-
Local Revenues	-	-	-	-	-
State General Revenue	-	-	-	-	-
Miscellaneous Revenues	-	-	-	-	-
<i>Non-dedicated Source of Funds Subtotal</i>	-	-	-	-	-
<i>Dedicated Source of Funds</i>					
Reserves	\$ 4,224,771	\$ 4,539,131	\$ 2,000,000	\$ (2,539,131)	-55.9%
Ad Valorem Taxes	10,247,693	10,393,650	10,538,773	145,123	1.4%
Permit & License Fees	-	8,000	8,000	-	0.0%
Local Revenues	-	-	-	-	-
Aq Privilege Tax	-	-	-	-	-
Ecosystem Management Trust Fund	-	-	-	-	-
FDEP/EPC Gardiner Trust Fund	-	-	-	-	-
FDOT/Mitigation	-	-	-	-	-
Water Management Lands Trust Fund	-	-	-	-	-
Water Quality Assurance Trust Fund	-	-	-	-	-
Florida Forever	-	-	-	-	-
State General Revenue	-	-	-	-	-
Other State Revenue	-	-	-	-	-
Alligator Alley Tolls	-	-	-	-	-
Federal Revenues	-	-	-	-	-
Miscellaneous Revenues	54,236	272,877	274,661	1,784	0.7%
<i>Dedicated Source of Funds Subtotal</i>	14,526,700	15,213,658	12,821,434	(2,392,224)	-15.7%
SOURCE OF FUNDS TOTAL	\$ 14,526,700	\$ 15,213,658	\$ 12,821,434	\$ (2,392,224)	-15.7%
USE OF FUNDS					
Salaries and Benefits	\$ 2,011,330	\$ 2,620,993	\$ 2,633,286	\$ 12,293	0.5%
Other Personal Services	-	-	-	-	0.0%
Contracts	592,262	409,444	544,444	135,000	33.0%
Operating Expenses	4,900,975	2,658,484	4,375,204	1,716,720	64.6%
Operating Capital Outlay	908,338	265,000	456,000	191,000	72.1%
Fixed Capital Outlay	4,456,703	4,421,360	1,500,000	(2,921,360)	-66.1%
Interagency Expenditures	1,656,867	2,838,377	1,312,500	(1,525,877)	-53.8%
Debt	225	-	-	-	0.0%
Reserves	-	2,000,000	2,000,000	-	0.0%
USE OF FUNDS TOTAL	\$ 14,526,700	\$ 15,213,658	\$ 12,821,434	\$ (2,392,224)	-15.7%
WORKFORCE					
Authorized Positions	27	28	28	-	0.0%
Contingent Worker	-	-	-	-	-
Other Personal Services	-	-	-	-	-
TOTAL WORKFORCE	27	28	28	-	0.0%

VII. BASIN BUDGETS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
THREE YEAR USES OF FUNDS BY PROGRAM
 Fiscal Years 2017-18 (Actual - Unaudited) 2018-19 (Adopted) 2019-20 (Preliminary)
 BIG CYPRESS BASIN

PROGRAMS AND ACTIVITIES	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
1.0 Water Resources Planning and Monitoring	1,668,090	3,688,559	2,531,811	(1,156,748)	-31.4%
1.1 - District Water Management Planning	1,668,090	3,592,559	2,075,811	(1,516,748)	-42.2%
1.1.1 Water Supply Planning	-	-	-	-	-
1.1.2 Minimum Flows and Levels	-	-	-	-	-
1.1.3 Other Water Resources Planning	1,668,090	3,592,559	2,075,811	(1,516,748)	-42.2%
1.2 - Research, Data Collection, Analysis and Monitoring	-	96,000	456,000	360,000	375.0%
1.3 - Technical Assistance	-	-	-	-	-
1.4 - Other Water Resources Planning and Monitoring Activities	-	-	-	-	-
1.5 - Technology & Information Services	-	-	-	-	-
2.0 Land Acquisition, Restoration and Public Works	504,440	-	-	-	-
2.1 - Land Acquisition	-	-	-	-	-
2.2 - Water Source Development	430,655	-	-	-	-
2.2.1 Water Resource Development Projects	-	-	-	-	-
2.2.2 Water Supply Development Assistance	430,655	-	-	-	-
2.2.3 Other Water Source Development Activities	-	-	-	-	-
2.3 - Surface Water Projects	35	-	-	-	-
2.4 - Other Cooperative Projects	73,750	-	-	-	-
2.5 - Facilities Construction and Major Renovations	-	-	-	-	-
2.6 - Other Acquisition and Restoration Activities	-	-	-	-	-
2.7 - Technology & Information Service	-	-	-	-	-
3.0 Operation and Maintenance of Lands and Works	12,065,304	11,194,198	9,948,952	(1,245,246)	-11.1%
3.1 - Land Management	101,173	110,272	110,000	(272)	-0.2%
3.2 - Works	10,894,469	9,843,776	8,610,517	(1,233,259)	-12.5%
3.3 - Facilities	46,575	43,170	43,170	-	0.0%
3.4 - Invasive Plant Control	702,452	908,555	901,686	(6,869)	-0.8%
3.5 - Other Operation and Maintenance Activities	86,494	142,807	138,025	(4,782)	-3.3%
3.6 - Fleet Services	234,141	145,618	145,554	(64)	0.0%
3.7 - Technology & Information Services	-	-	-	-	-
4.0 Regulation	-	-	-	-	-
4.1 - Consumptive Use Permitting	-	-	-	-	-
4.2 - Water Well Construction Permitting and Contractor Licensing	-	-	-	-	-
4.3 - Environmental Resource and Surface Water Permitting	-	-	-	-	-
4.4 - Other Regulatory and Enforcement Activities	-	-	-	-	-
4.5 - Technology & Information Service	-	-	-	-	-
5.0 Outreach	-	-	-	-	-
5.1 - Water Resource Education	-	-	-	-	-
5.2 - Public Information	-	-	-	-	-
5.3 - Public Relations	-	-	-	-	-
5.4 - Cabinet & Legislative Affairs	-	-	-	-	-
5.5 - Other Outreach Activities	-	-	-	-	-
5.6 - Technology & Information Service	-	-	-	-	-
<i>SUBTOTAL - Major Programs (excluding Management and Administration)</i>	<i>14,237,834</i>	<i>14,882,757</i>	<i>12,480,763</i>	<i>(2,401,994)</i>	<i>-16.1%</i>
6.0 District Management and Administration	288,866	330,901	340,671	9,770	3.0%
6.1 - Administrative and Operations Support	4,700	-	-	-	-
6.1.1 - Executive Direction	-	-	-	-	-
6.1.2 - General Counsel / Legal	-	-	-	-	-
6.1.3 - Inspector General	-	-	-	-	-
6.1.4 - Administrative Support	4,700	-	-	-	-
6.1.5 - Fleet Services	-	-	-	-	-
6.1.6 - Procurement / Contract Administration	-	-	-	-	-
6.1.7 - Human Resources	-	-	-	-	-
6.1.8 - Communications	-	-	-	-	-
6.1.9 - Other	-	-	-	-	-
6.2 - Computers / Computer Support	-	-	-	-	-
6.3 - Reserves	-	-	-	-	-
6.4 - Other (Tax Collector / Property Appraiser Fees)	284,166	330,901	340,671	9,770	3.0%
TOTAL	14,526,700	15,213,658	12,821,434	(2,392,224)	-15.7%

VII. BASIN BUDGETS

B. Okeechobee Basin

The Okeechobee Basin is based on the sprawling Kissimmee-Okeechobee-Everglades ecosystem, which stretches from Central Florida's Chain of Lakes to Lake Okeechobee and south to the Florida Keys. It includes the 700,000 acres within the Everglades Agricultural Area, the heavily developed southeast coast and Everglades National Park. The Okeechobee Basin encompasses whole or parts of 15 of the 16 counties (excludes Collier County) within the District's boundaries of central and southern Florida.

Property owners within the Okeechobee Basin were most recently assessed through the Fiscal Year 2018-19 Adopted Budget at the aggregate rolled-back millage rate of 0.2936 mills which is comprised of the District-at-large rolled-back millage rate of 0.1209, the Okeechobee Basin rolled-back millage rate of 0.1310 and the Everglades Construction Project rolled-back millage rate of 0.0417.

When certified property values are received from the property appraisers in July, the datum from all counties in the District's jurisdiction is compiled and calculated to determine the rolled-back rates for the District. The annual property tax cycle known as TRIM (Truth in Millage) as defined by Florida Statute begins with the certification of taxable values every July 1st so taxing authorities can determine the millage rates to levy ad valorem taxes. Final millage rates and budget for the proposed Fiscal Year 2019-20 Okeechobee Basin Budget will be presented for review by the Board between January and August and will be presented for discussion and adoption by the District Board in September 2019.

VII. BASIN BUDGETS

ACTUAL UNAUDITED - REVENUES, EXPENDITURES, AND PERSONNEL BY PROGRAM FOR FISCAL YEAR 2017-18

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Okeechobee Basin

	Water Resource Planning and Monitoring	Land Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	Management and Administration	TOTAL
REVENUES							
<i>Non-dedicated Revenues</i>							
Reserves							
Ad Valorem Taxes							
Permit & License Fees							
Local Revenues							
State General Revenue							
Miscellaneous Revenues							
<i>Non-dedicated Revenues Subtotal</i>							\$ -
<i>Dedicated Revenues</i>							
Reserves			\$ 9,727,030				\$ 9,727,030
Ad Valorem Taxes	3,060,004	13,396,454	95,350,746	174		2,798,022	\$ 114,605,400
Permit & License Fees			113,065				\$ 113,065
Local Revenues							\$ -
Ag Privilege Tax							\$ -
Ecosystem Management Trust Fund							\$ -
FDEP/EPC Gardiner Trust Fund							\$ -
FDOT/Mitigation							\$ -
Water Management Lands Trust Fund							\$ -
Water Quality Assurance Trust Fund							\$ -
Florida Forever							\$ -
State General Revenue							\$ -
Other State Revenue							\$ -
Alligator Alley Tolls							\$ -
Federal Revenues	229,309		4,403,568				\$ 4,632,877
Miscellaneous Revenues			2,883,076				\$ 2,883,076
<i>Dedicated Revenues Subtotal</i>	3,289,313	13,396,454	112,477,485	174		2,798,022	\$ 131,961,448
TOTAL REVENUES	\$ 3,289,313	\$ 13,396,454	\$ 112,477,485	\$ 174	\$ -	\$ 2,798,022	\$ 131,961,448
EXPENDITURES							
Salaries and Benefits	\$ 1,118,590	\$ 4,313,550	\$ 43,082,246	\$ 174	\$ -	\$ 2,205	\$ 48,516,765
Other Personal Services	\$ 26,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,300
Contracts	\$ 47,450	\$ 784,661	\$ 3,583,317	\$ -	\$ -	\$ 24,711	\$ 4,440,139
Operating Expenses	\$ 74,188	\$ 467,777	\$ 33,197,559	\$ -	\$ -	\$ 2,771,106	\$ 36,510,630
Operating Capital Outlay	\$ 16,345	\$ 682,924	\$ 4,620,913	\$ -	\$ -	\$ -	\$ 5,320,182
Fixed Capital Outlay	\$ -	\$ 5,553,094	\$ 27,572,050	\$ -	\$ -	\$ -	\$ 33,125,144
Interagency Expenditures	\$ 2,006,440	\$ 1,594,448	\$ 421,400	\$ -	\$ -	\$ -	\$ 4,022,288
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reserves	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL EXPENDITURES	\$ 3,289,313	\$ 13,396,454	\$ 112,477,485	\$ 174	\$ -	\$ 2,798,022	\$ 131,961,448
PERSONNEL							
Full-time Equivalents	10	40	503	2	0	0	555
Contract/Other	0	0	0	0	0	0	0
TOTAL PERSONNEL	10	40	503	2	0	0	555

VII. BASIN BUDGETS

ADOPTED BUDGET - REVENUES, EXPENDITURES, AND PERSONNEL BY PROGRAM FOR FISCAL YEAR 2018-19

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Okeechobee Basin

	Water Resource Planning and Monitoring	Land Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	Management and Administration	TOTAL
REVENUES							
<i>Non-dedicated Revenues</i>							
Reserves							
Ad Valorem Taxes							
Permit & License Fees							
Local Revenues							
State General Revenue							
Miscellaneous Revenues							
<i>Non-dedicated Revenues Subtotal</i>							\$ -
<i>Dedicated Revenues</i>							
Reserves	\$ 341,639	\$ 5,762,500	\$ 47,067,324			\$ 1,000,000	\$ 54,171,463
Ad Valorem Taxes	2,446,928	5,739,106	105,954,967	-	-	425,749	\$ 114,566,750
Permit & License Fees			60,000				\$ 60,000
Local Revenues			214,200				\$ 214,200
Ag Privilege Tax							\$ -
Ecosystem Management Trust Fund							\$ -
FDEP/EPC Gardiner Trust Fund							\$ -
FDOT/Mitigation							\$ -
Water Management Lands Trust Fund							\$ -
Water Quality Assurance Trust Fund							\$ -
Florida Forever							\$ -
State General Revenue							\$ -
Other State Revenue							\$ -
Alligator Alley Tolls							\$ -
Federal Revenues		252,435	3,449,817				\$ 3,702,252
Miscellaneous Revenues			661,177			1,628,523	\$ 2,289,700
<i>Dedicated Revenues Subtotal</i>	2,788,567	11,754,041	157,407,485	-	-	3,054,272	\$ 175,004,365
TOTAL REVENUES	\$ 2,788,567	\$ 11,754,041	\$ 157,407,485	\$ -	\$ -	\$ 3,054,272	\$ 175,004,365
EXPENDITURES							
Salaries and Benefits	\$ 1,368,298	\$ 4,439,039	\$ 46,734,608	\$ -	\$ -	\$ -	\$ 52,541,945
Other Personal Services	\$ 26,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,300
Contracts	\$ 151,673	\$ 6,388,808	\$ 3,699,294	\$ -	\$ -	\$ -	\$ 10,239,775
Operating Expenses	\$ 77,568	\$ 326,835	\$ 30,023,822	\$ -	\$ -	\$ 3,054,272	\$ 33,482,497
Operating Capital Outlay	\$ 303,500	\$ 70,000	\$ 7,988,298	\$ -	\$ -	\$ -	\$ 8,361,798
Fixed Capital Outlay	\$ -	\$ -	\$ 28,289,954	\$ -	\$ -	\$ -	\$ 28,289,954
Interagency Expenditures	\$ 861,228	\$ 529,359	\$ 158,907	\$ -	\$ -	\$ -	\$ 1,549,494
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reserves	\$ -	\$ -	\$ 40,512,602	\$ -	\$ -	\$ -	\$ 40,512,602
TOTAL EXPENDITURES	\$ 2,788,567	\$ 11,754,041	\$ 157,407,485	\$ -	\$ -	\$ 3,054,272	\$ 175,004,365
PERSONNEL							
Full-time Equivalents	14	41	503	0	0	0	558
Contract/Other	0	0	0	0	0	0	0
TOTAL PERSONNEL	14	41	503	0	0	0	558

VII. BASIN BUDGETS

PRELIMINARY BUDGET - REVENUES, EXPENDITURES, AND PERSONNEL BY PROGRAM FOR FISCAL YEAR 2019-20

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Okeechobee Basin

	Water Resource Planning and Monitoring	Land Acquisition, Restoration and Public Works	Operation and Maintenance of Lands and Works	Regulation	Outreach	Management and Administration	TOTAL
REVENUES							
<i>Non-dedicated Revenues</i>							
Reserves							
Ad Valorem Taxes							
Permit & License Fees							
Local Revenues							
State General Revenue							
Miscellaneous Revenues							
<i>Non-dedicated Revenues Subtotal</i>							\$ -
<i>Dedicated Revenues</i>							
Reserves	\$ 124,389	\$ 3,628,476	\$ 47,609,736			\$ 1,000,000	\$ 52,362,601
Ad Valorem Taxes	2,502,736	5,622,823	108,910,191	-		-	\$ 117,035,750
Permit & License Fees			60,000				\$ 60,000
Local Revenues			214,200				\$ 214,200
Ag Privilege Tax							\$ -
Ecosystem Management Trust Fund							\$ -
FDEP/EPC Gardiner Trust Fund							\$ -
FDOT/Mitigation							\$ -
Water Management Lands Trust Fund							\$ -
Water Quality Assurance Trust Fund							\$ -
Florida Forever							\$ -
State General Revenue							\$ -
Other State Revenue							\$ -
Alligator Alley Tolls							\$ -
Federal Revenues		120,000	3,751,100				\$ 3,871,100
Miscellaneous Revenues			758,355			2,054,272	\$ 2,812,627
<i>Dedicated Revenues Subtotal</i>	2,627,125	9,371,299	161,303,582	-	-	3,054,272	\$ 176,356,278
TOTAL REVENUES	\$ 2,627,125	\$ 9,371,299	\$ 161,303,582	\$ -	\$ -	\$ 3,054,272	\$ 176,356,278
EXPENDITURES							
Salaries and Benefits	\$ 1,385,106	\$ 4,443,825	\$ 46,686,723	\$ -	\$ -	\$ -	\$ 52,515,654
Other Personal Services	\$ 26,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,300
Contracts	\$ 173,912	\$ 1,342,121	\$ 4,881,999	\$ -	\$ -	\$ -	\$ 6,398,032
Operating Expenses	\$ 82,568	\$ 106,367	\$ 36,394,661	\$ -	\$ -	\$ 3,054,272	\$ 39,637,868
Operating Capital Outlay	\$ 77,500	\$ 72,387	\$ 7,292,233	\$ -	\$ -	\$ -	\$ 7,442,120
Fixed Capital Outlay	\$ -	\$ 2,908,339	\$ 25,376,457	\$ -	\$ -	\$ -	\$ 28,284,796
Interagency Expenditures	\$ 881,739	\$ 498,260	\$ 158,907	\$ -	\$ -	\$ -	\$ 1,538,906
Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Reserves	\$ -	\$ -	\$ 40,512,602	\$ -	\$ -	\$ -	\$ 40,512,602
TOTAL EXPENDITURES	\$ 2,627,125	\$ 9,371,299	\$ 161,303,582	\$ -	\$ -	\$ 3,054,272	\$ 176,356,278
PERSONNEL							
Full-time Equivalents	14	41	503	0	0	0	558
Contract/Other	0	0	0	0	0	0	0
TOTAL PERSONNEL	14	41	503	0	0	0	558

VII. BASIN BUDGETS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SOURCES, USES, AND WORKFORCE COMPARISON FOR THREE FISCAL YEARS
 Fiscal Years 2017-18 (Actual - Unaudited) 2018-19 (Adopted) 2019-20 (Preliminary)
 PRELIMINARY BUDGET - Fiscal Year 2019-20
Okeechobee Basin

AD VALOREM TAX COMPARISON OKEECHOBEE BASIN	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
Ad Valorem Taxes	\$ 114,605,400	\$ 112,484,232	\$ 114,945,750		
New Construction Estimate	\$ -	\$ 2,082,518	\$ 2,090,000		
Millage Rate	0.1384	0.1310	0.1280		
Rolled-Back Rate	0.1384	0.1310	0.1280		
Percent Change from Rolled-Back Rate	0.00%	0.00%	0.00%		
Current Year Gross Taxable Value for Operating Purposes	\$ 861,501,936,710	\$ 920,583,448,698	\$ 952,803,869,588	\$ 32,220,420,890	3.5%
Current Year Net New Taxable Value	\$ 18,592,024,230	\$ 16,732,651,304	\$ 17,352,727,205	\$ 620,075,901	3.7%
Current Year Adjusted Taxable Value	\$ 842,909,912,480	\$ 903,850,797,394	\$ 935,451,142,383	\$ 31,600,344,989	3.5%
SOURCE OF FUNDS					
	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary -- Adopted)	% of Change (Preliminary -- Adopted)
<i>Non-dedicated Source of Funds</i>					
Reserves	-	-	-	-	-
Ad Valorem Taxes	-	-	-	-	-
Permit & License Fees	-	-	-	-	-
Local Revenues	-	-	-	-	-
State General Revenue	-	-	-	-	-
Miscellaneous Revenues	-	-	-	-	-
<i>Non-dedicated Source of Funds Subtotal</i>	-	-	-	-	-
<i>Dedicated Source of Funds</i>					
Reserves	\$ 9,727,030	\$ 54,171,463	\$ 52,362,601	\$ (1,808,862)	-3.3%
Ad Valorem Taxes	114,605,400	114,566,750	117,035,750	2,469,000	2.2%
Permit & License Fees	113,065	60,000	60,000	-	0.0%
Local Revenues	-	214,200	214,200	-	-
Ag Privilege Tax	-	-	-	-	-
Ecosystem Management Trust Fund	-	-	-	-	-
FDEP/EPC Gardiner Trust Fund	-	-	-	-	-
FDOT/Mitigation	-	-	-	-	-
Water Management Lands Trust Fund	-	-	-	-	-
Water Quality Assurance Trust Fund	-	-	-	-	-
Florida Forever	-	-	-	-	-
State General Revenue	-	-	-	-	-
Other State Revenue	-	-	-	-	-
Alligator Alley Tolls	-	-	-	-	-
Federal Revenues	4,632,877	3,702,252	3,871,100	168,848	-
Miscellaneous Revenues	2,883,076	2,289,700	2,812,627	522,927	22.8%
<i>Dedicated Source of Funds Subtotal</i>	131,961,448	175,004,365	176,356,278	1,351,913	0.8%
SOURCE OF FUNDS TOTAL	\$ 131,961,448	\$ 175,004,365	\$ 176,356,278	\$ 1,351,913	0.8%
USE OF FUNDS					
Salaries and Benefits	\$ 48,516,765	\$ 52,541,945	\$ 52,515,654	\$ (26,291)	-0.1%
Other Personal Services	26,300	26,300	26,300	-	0.0%
Contracts	4,440,139	10,239,775	6,398,032	(3,841,743)	-37.5%
Operating Expenses	36,510,630	33,482,497	39,637,868	6,155,371	18.4%
Operating Capital Outlay	5,320,182	8,361,798	7,442,120	(919,678)	-11.0%
Fixed Capital Outlay	33,125,144	28,289,954	28,284,796	(5,158)	100.0%
Interagency Expenditures	4,022,288	1,549,494	1,538,906	(10,588)	-0.7%
Debt	-	-	-	-	-
Reserves	-	40,512,602	40,512,602	-	0.0%
USE OF FUNDS TOTAL	\$ 131,961,448	\$ 175,004,365	\$ 176,356,278	\$ 1,351,913	0.8%
WORKFORCE					
Authorized Positions	555	558	-	(558)	-100.0%
Contingent Worker	-	-	-	-	-
Other Personal Services	-	-	-	-	-
TOTAL WORKFORCE	555	558	-	(558)	-100.0%

VII. BASIN BUDGETS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
THREE YEAR USES OF FUNDS BY PROGRAM
 Fiscal Years 2017-18 (Actual - Unaudited) 2018-19 (Adopted) 2019-20 (Preliminary)
 OKEECHOBEE BASIN

PROGRAMS AND ACTIVITIES	Fiscal Year 2017-18 (Actual - Unaudited)	Fiscal Year 2018-19 (Adopted)	Fiscal Year 2019-20 (Preliminary Budget)	Difference in \$ (Preliminary - Adopted)	% of Change (Preliminary - Adopted)
1.0 Water Resources Planning and Monitoring	3,289,313	2,788,567	2,627,125	(161,442)	-5.8%
1.1 - District Water Management Planning	1,329,811	193,955	194,246	291	0.2%
1.1.1 Water Supply Planning	29,315	687	687	-	0.0%
1.1.2 Minimum Flows and Levels	5,000	-	-	-	-
1.1.3 Other Water Resources Planning	1,295,496	193,268	193,559	291	0.2%
1.2 - Research, Data Collection, Analysis and Monitoring	1,959,502	2,594,612	2,432,879	(161,733)	-6.2%
1.3 - Technical Assistance	-	-	-	-	-
1.4 - Other Water Resources Planning and Monitoring Activities	-	-	-	-	-
1.5 - Technology & Information Services	-	-	-	-	-
2.0 Land Acquisition, Restoration and Public Works	13,396,455	11,754,041	9,371,299	(2,382,742)	-20.3%
2.1 - Land Acquisition	-	-	-	-	-
2.2 - Water Source Development	957,738	-	-	-	-
2.2.1 Water Resource Development Projects	2,538	-	-	-	-
2.2.2 Water Supply Development Assistance	955,200	-	-	-	-
2.2.3 Other Water Source Development Activities	-	-	-	-	-
2.3 - Surface Water Projects	12,201,591	11,754,041	9,371,299	(2,382,742)	-20.3%
2.4 - Other Cooperative Projects	237,126	-	-	-	-
2.5 - Facilities Construction and Major Renovations	-	-	-	-	-
2.6 - Other Acquisition and Restoration Activities	-	-	-	-	-
2.7 - Technology & Information Service	-	-	-	-	-
3.0 Operation and Maintenance of Lands and Works	112,477,485	157,407,485	161,303,582	3,896,097	2.5%
3.1 - Land Management	4,652,579	4,878,450	4,617,864	(260,586)	-5.3%
3.2 - Works	93,325,925	136,181,111	140,262,091	4,080,980	3.0%
3.3 - Facilities	567,247	389,813	389,813	-	0.0%
3.4 - Invasive Plant Control	6,278,494	7,161,689	7,169,467	7,778	0.1%
3.5 - Other Operation and Maintenance Activities	1,607,924	1,858,354	1,888,369	30,015	1.6%
3.6 - Fleet Services	6,045,316	6,938,068	6,975,978	37,910	0.5%
3.7 - Technology & Information Services	-	-	-	-	-
4.0 Regulation	174	-	-	-	-
4.1 - Consumptive Use Permitting	-	-	-	-	-
4.2 - Water Well Construction Permitting and Contractor Licensing	-	-	-	-	-
4.3 - Environmental Resource and Surface Water Permitting	-	-	-	-	-
4.4 - Other Regulatory and Enforcement Activities	174	-	-	-	-
4.5 - Technology & Information Service	-	-	-	-	-
5.0 Outreach	-	-	-	-	-
5.1 - Water Resource Education	-	-	-	-	-
5.2 - Public Information	-	-	-	-	-
5.3 - Public Relations	-	-	-	-	-
5.4 - Cabinet & Legislative Affairs	-	-	-	-	-
5.5 - Other Outreach Activities	-	-	-	-	-
5.6 - Technology & Information Service	-	-	-	-	-
<i>SUBTOTAL - Major Programs (excluding Management and Administration)</i>	<i>129,163,427</i>	<i>171,950,093</i>	<i>173,302,006</i>	<i>1,351,913</i>	<i>0.8%</i>
6.0 District Management and Administration	2,798,021	3,054,272	3,054,272	-	0.0%
6.1 - Administrative and Operations Support	26,915	-	-	-	-
6.1.1 - Executive Direction	-	-	-	-	-
6.1.2 - General Counsel / Legal	24,711	-	-	-	-
6.1.3 - Inspector General	-	-	-	-	-
6.1.4 - Administrative Support	2,204	-	-	-	-
6.1.5 - Fleet Services	-	-	-	-	-
6.1.6 - Procurement / Contract Administration	-	-	-	-	-
6.1.7 - Human Resources	-	-	-	-	-
6.1.8 - Communications	-	-	-	-	-
6.1.9 - Other	-	-	-	-	-
6.2 - Computers / Computer Support	-	-	-	-	-
6.3 - Reserves	-	-	-	-	-
6.4 - Other (Tax Collector / Property Appraiser Fees)	2,771,106	3,054,272	3,054,272	-	0.0%
TOTAL	131,961,448	175,004,365	176,356,278	1,351,913	0.8%

VIII. APPENDICES

A. Related Reports

The following table includes a list of reports provided to the state that support the District's annual Service Budget. Also included are due dates and contact information.

The mandated Consolidated Annual Report (CAR) is satisfied by the South Florida Water Management District utilizing the South Florida Environmental Report (SFER) – Volume II. This is a major consolidation effort authorized by the Florida Legislature in 2005-36, Laws of Florida, and Subsection 373.036(7), Florida Statutes. The SFERs for current and historical years are posted on the District's website at www.sfwmd.gov/sfer.

The following table is supplemented with the list of reports consolidated into the three-volume SFER (due annually on March 1) that are provided to the state and linked to the Tentative Budget submission.

PLAN / REPORT / ACTIVITY ¹	DUE DATE	CONTACT	E-MAIL ADDRESS TELEPHONE
Preliminary Budget Submission	Annually January 15	Candida Heater	cheater@sfwmd.gov 561-682-6486
Tentative Budget Submission	Annually August 1 st	Candida Heater	cheater@sfwmd.gov 561-682-6486
Florida Department of Transportation (FDOT) Mitigation Plan	Annually January 1	Wossenu Abteu	wabtew@sfwmd.gov 561-682-6326
VOLUME I – THE SOUTH FLORIDA ENVIRONMENT			
South Florida Hydrology and Water Management - Volume I, Chapter 2 A water year review of the South Florida regional water management system along with the impacts from hydrologic variation. This chapter fulfills requirements in the Everglades Forever Act (EFA; Section 373.4592(13), F.S.) and Northern Everglades and Estuaries Protection Program legislation (NEEPP; Section 373.4595(6), F.S.).	Annually March 1	Violeta Ciuca Chelsea Qiu	vciuca@sfwmd.gov 561-682-2611 cqiu@sfwmd.gov 561-682-6196
Water Quality in the Everglades Protection Area - Volume I, Chapter 3A Provides (1) an assessment of water quality within the Everglades Protection Area (EPA) for the water year, (2) numerous reporting requirements under the EFA, (3) a preliminary assessment of total phosphorus (TP) criterion achievement, and (4) an annual update of the comprehensive overview	Annually March 1	Paul Julian (FDEP)	Paul.Julian@dep.state.fl.us 239-344-5605

VIII. APPENDICES

PLAN / REPORT / ACTIVITY ¹	DUE DATE	CONTACT	E-MAIL ADDRESS TELEPHONE
of nitrogen and phosphorus concentrations and loads throughout the EPA. This chapter fulfills requirements in the EFA (Sections 373.4592(4)(d)5 and 373.4592(13), F.S.) and NEEPP legislation (Section 373.4595(6), F.S.).			
<p>Mercury and Sulfur Environmental Assessment for the Everglades - Volume I, Chapter 3B</p> <p>Provides an assessment of mercury and sulfur status within the EPA and reporting requirements of the EFA. This chapter fulfills requirements in the EFA (Sections 373.4592(4)(d)5 and 373.4592(13), F.S.) and NEEPP legislation (373.4595(6), F.S.).</p>	Annually March 1	Paul Julian (FDEP)	Paul.Julian@dep.state.fl.us 239-344-5605
<p>Nutrient Source Control Programs - Volume I, Chapter 4</p> <p>A water year review of regional nutrient source control program status and related activities in major watersheds within the Southern Everglades. This chapter fulfills requirements in the EFA (Section 373.4592(13), F.S.).</p>	Annually March 1	Danielle Taylor Youchao Wang	dtaylor@sfwmd.gov 561-682-2375 ywang@sfwmd.gov 561-682-2895
<p>Restoration Strategies – Design and Construction Status of Water Quality Improvement Projects - Volume I, Chapter 5A</p> <p>Provides the status of the current Restoration Strategies projects for the water year, in accordance with the EFA and National Pollutant Discharge Elimination System (NPDES) permits and associated consent orders. This chapter fulfills requirements in the EFA (Sections 373.4592(4)(d)5 and 373.4592(13), F.S.).</p>	Annually March 1	Robert Shuford	rshufor@sfwmd.gov 561-681-8800 x2155
<p>Performance and Operation of the Everglades Stormwater Treatment Areas - Volume I, Chapter 5B</p> <p>Assessments of each Everglades Stormwater Treatment Area (STA) and individual flow-way treatment performance, information on STA operational status, maintenance activities and enhancements, and</p>	Annually March 1	Michael Chimney	mchimney@sfwmd.gov 561-682-6523

VIII. APPENDICES

PLAN / REPORT / ACTIVITY ¹	DUE DATE	CONTACT	E-MAIL ADDRESS TELEPHONE
updates on applied scientific studies relevant to the STAs. This chapter fulfills requirements in the EFA (Sections 373.4592(4)(d)5 and 373.4592(13), F.S.).			
<p>Restoration Strategies Science Plan Implementation - Volume I, Chapter 5C</p> <p>Report on the Science Plan for the Everglades STAs intended to integrate and synthesize information to effectively communicate scientific findings and understanding of the plan results to management and stakeholders; cover the progress of the Science Plan implementation; and incorporate the status and findings of research, monitoring, and modeling efforts outlined in the plan. This chapter fulfills requirements in the EFA (Sections 373.4592(4)(d)5 and 373.4592(13), F.S.).</p>	Annually March 1	Tom James	tjames@sfwmd.gov (561) 682-6356
<p>Everglades Research and Evaluation - Volume I, Chapter 6</p> <p>A summary of Everglades research and evaluation key findings during the water year, presented within five main fields: (1) hydrology, (2) wildlife ecology, (3) plant ecology, (4) ecosystem ecology, and (5) landscape patterns and ecology. This chapter fulfills requirements in the EFA (Sections 373.4592(4)(d)5 and 373.4592(13), F.S.).</p>	Annually March 1	Fred Sklar	fsklar@sfwmd.gov 561-682-6504
<p>Status of Nonindigenous Species - Volume I, Chapter 7</p> <p>A water year status report on nonindigenous species programs that provides updates on priority invasive species, programmatic overviews of regional invasive species initiatives, and key issues linked to managing and preventing biological invasions in South Florida ecosystems. This chapter fulfills requirements in the EFA (Section 373.4592(13), F.S.).</p>	Annually March 1	LeRoy Rodgers	lrogers@sfwmd.gov 561-682-2773
<p>Northern Everglades and Estuaries Protection Program Annual</p>	Annually March 1	Stacey Ollis	sollis@sfwmd.gov

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PLAN / REPORT / ACTIVITY ¹	DUE DATE	CONTACT	E-MAIL ADDRESS TELEPHONE
<p>Progress Report - Volume I, Chapter 8A In accordance with Section 403.0675, F.S. and NEEPP legislation (Section 373.4595(6), F.S.), this report (in conjunction with Chapters 8B and 8C) comprises the NEEPP Annual Progress Report for the Lake Okeechobee, St. Lucie River, and Caloosahatchee River watersheds. The report also documents the status of FDEP's Lake Okeechobee, Caloosahatchee Estuary, and St. Lucie River and Estuary basin management action plans (BMAPs), and Florida Department of Agriculture and Consumer Services' (FDACS') implementation of the agricultural nonpoint source best management practices (BMPs) in the Northern Everglades watersheds. It also contains an annual accounting of expenditure of Save Our Everglades Trust Fund (SOEFT) funds and includes the NEEPP Fiscal Year 2017-18 Annual Work Plan. This chapter also fulfills requirements set forth in the EFA (Section 373.4592(13), F.S.) and Section 403.0675, F.S.</p>		<p>Ansley Marr</p>	<p>561-682-2039</p> <p>amarr@sfwmd.gov 561-682-6419</p>
<p>Lake Okeechobee Watershed Annual Report - Volume I, Chapter 8B In accordance with NEEPP legislation (Section 373.4595(6), F.S.), this report (in conjunction with Chapter 8A) comprises the NEEPP Annual Progress Report for the Lake Okeechobee Watershed. The report covers the water year status update on the Lake Okeechobee Watershed Research and Water Quality Monitoring Program. This chapter also fulfills requirements set forth in the EFA (Section 373.4592(13), F.S.).</p>	<p>Annually March 1</p>	<p>Zach Welch Joyce Zhang</p>	<p>zwelch@sfwmd.gov 561-682-2824</p> <p>jzhang@sfwmd.gov 561-682-6341</p>
<p>St. Lucie and Caloosahatchee River Watershed Annual Report - Volume I, Chapter 8C In accordance with NEEPP legislation (Section 373.4595(6), F.S.), this report</p>	<p>Annually March 1</p>	<p>Cassandra Armstrong Fawen Zheng</p>	<p>cthomas@sfwmd.gov 561-682-6716</p> <p>fzheng@sfwmd.gov 561-682-6318</p>

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PLAN / REPORT / ACTIVITY ¹	DUE DATE	CONTACT	E-MAIL ADDRESS TELEPHONE
(in conjunction with Chapter 8A) comprises the NEEPP Annual Progress Report for the St. Lucie River and Caloosahatchee River watersheds. The report covers the water year status update on the St. Lucie River and Caloosahatchee River watershed research and water quality monitoring programs. This chapter also fulfills requirements set forth in the EFA (Section 373.4592(13), F.S.).			
Kissimmee River Restoration and Basin Initiatives - Volume I, Chapter 9 A water year status report on activities within the Kissimmee River Basin that include ecosystem restoration, ecological data collection and evaluation, hydrologic modeling, and adaptive management of water and land resources.	Annually March 1	Joseph Koebel Steve Bousquin	jkoebel@sfwmd.gov 561-682-6925 sbousqu@sfwmd.gov 561-682-2719
Volume I Peer and Public Review Process and Products - Volume I, Appendix 1-1 A document providing highlights, description of panelists, and comments and responses produced for the <i>2019 South Florida Environmental Report</i> peer and public review process, which is conducted as required by Subparagraph 373.4592(4)(d)5, F.S.	Annually March 1	Kim Chuirazzi	kchuiraz@sfwmd.gov 561-682-2425
Comprehensive Everglades Restoration Plan Annual Report – 470 Report - Volume I, Appendix 1-2 In accordance with Section 373.470(7), F.S., this annual report provides required yearly Comprehensive Everglades Restoration Plan (CERP) financial reporting and status of CERP implementation.	Annually March 1	Gregory Rogers	grogers@sfwmd.gov 561-682-6199
Everglades Forever Act Annual Financial Report - Volume I, Appendix 1-3 Pursuant to Section 373.45926(3), F.S., as amended by Section 33 of	Annually March 1	Julie Maytok	jmaytok@sfwmd.gov 561-682-6027

VIII. APPENDICES

PLAN / REPORT / ACTIVITY ¹	DUE DATE	CONTACT	E-MAIL ADDRESS TELEPHONE
Chapter 2011-34, this annual report presents required yearly financial reporting on the Everglades Trust Fund and EFA implementation status. This appendix also fulfills requirements set forth in the EFA (Section 373.4592(14), F.S.).			
SFER VOLUME II – DISTRICT ANNUAL PLANS AND REPORTS			
Fiscal Year 2017-18 Fiscal and Performance Accountability Report - Volume II, Chapter 2 Implementation status report for the Strategic Plan and resulting Annual Work Plan, including activity summaries and success indicators for the District's programs and projects during the fiscal year. This chapter fulfills Section 373.199(7)(c), F.S.	Annually March 1	Rich Sands	rsands@sfwmd.gov 561-682-2902
2018 Priority Waterbodies List and Schedule - Volume II, Chapter 3 In accordance with Section 373.042(2)a, F.S., and Chapter 40E-8 and Section 62-40.473(9), Florida Administrative Code (F.A.C.), annually identifies waterbodies for which minimum flows and minimum water levels (MFLs) and water reservations must be established or updated.	Annually March 1	Toni Edwards	tedwards@sfwmd.gov 561-682-6387
Five-Year Capital Improvements Plan - Volume II, Chapter 4 In accordance with Sections 373.536(6)(a)3, 373.536(6)(a)4, and 216.043, F.S., this annual report of the District's capital projects covers all the agency's programs, includes project-level detail, and shows projected expenditures and corresponding funding sources for the five-year reporting period.	Annually March 1	Julie Maytok	jmaytok@sfwmd.gov 561-682-6027
Five-Year Water Resource Development Work Program - Volume II, Chapter 5A In accordance with Subparagraph 373.536(6)(a)4, F.S., the projected five-year period financial costs and water supply benefits for implementing the District's regional	Annually March 1	Nancy Demonstranti Stacey Adams	ndemonst@sfwmd.gov 561-682-2563 shayford@sfwmd.gov 561-682-2577

VIII. APPENDICES

PLAN / REPORT / ACTIVITY ¹	DUE DATE	CONTACT	E-MAIL ADDRESS TELEPHONE
<p>water supply plans, as well as status report of the water resource development efforts in the fiscal year are reported. In addition, this annual report also summarizes the alternative water supply projects funded by the District, including the quantity of water made available, agency funding and total cost as required by s. 373.707(8)(n), formally included previously as SFER Volume II Chapter 5B.</p>			
<p>Projects Associated with a Prevention or Recovery Strategy for Fiscal Year 2018-19 through Fiscal Year 2022-2023 – Volume II, Appendix 5A-1 Pursuant to Section 373.036(7)(b)8, F.S., this appendix contains a list of projects associated with MFLs along with their planned implementation costs.</p>	<p>Annually March 1</p>	<p>Don Medellin</p>	<p>dmedelli@sfwmd.gov 561-682-6340</p>
<p>Projects Associated with a Basin Management Action Plan for Fiscal Year 2018-19 through Fiscal Year 2022-2023 – Volume II, Appendix 5A-2 Pursuant to Section 373.036(7)(b)8, F.S., this appendix provides a list of projects associated with BMAPs along with their planned implementation costs.</p>	<p>Annually March 1</p>	<p>Stacey Ollis Ansley Marr</p>	<p>sollis@sfwmd.gov 561-682-2039 amarr@sfwmd.gov 561-682-6419</p>
<p>Projects in the Five-Year Work Program with Grading for Each Watershed, Water Body, or Water Segment – Volume II, Chapter 5B Pursuant to Section 373.036(7)(b)9, F.S., annual report containing a grade for each watershed, water body, or water segment for which projects are located that are associated with BMAPs, MFLs, alternative water supply, and the Cooperative Funding Program (CFP) representing the level of impairment and violations of adopted MFLs.</p>	<p>Annually March 1</p>	<p>Don Medellin</p>	<p>dmedelli@sfwmd.gov 561-682-6340</p>

VIII. APPENDICES

PLAN / REPORT / ACTIVITY ¹	DUE DATE	CONTACT	E-MAIL ADDRESS TELEPHONE
<p>Florida Forever Work Plan, 2019 Annual Update - Volume II, Chapter 6A As required by Subsection 373.199(7)(b)4, F.S., this annual report summarizes current projects eligible for funding under the Florida Forever Act (Chapter 259.105, F.S.), as well as projects eligible for state acquisition monies from the appropriate account or trust fund under Section 373.139(3)(c), F.S., for land acquisition, water resource development, stormwater management, water body restoration, recreational facility construction, public access improvements, and invasive plant control.</p>	<p>Annually March 1</p>	<p>Ray Palmer</p>	<p>rpalmer@sfwmd.gov 561-682-2246</p>
<p>Land Stewardship Annual Report – Volume II, Chapter 6B As required by Section 373.199(7)(a), F.S., this annual report summarizes the management and maintenance of lands acquired under the Save Our Rivers Program, Florida Forever Trust Fund, Preservation 2000, and Save Our Everglades Trust Fund on a perpetual basis and lands acquired for CERP and other water resource projects on an interim basis.</p>	<p>Annually March 1</p>	<p>Gene Colwell</p>	<p>gcolwell@sfwmd.gov 863-462-5260 x3331</p>
<p>Mitigation Donation Annual Report - Volume II, Chapter 7 In accordance with Subparagraph 373.414(1)(b)2, F.S., this annual report provides a summary on endorsed mitigation projects, including the available mitigation reserves and expenditures, and a description of restoration and management activities.</p>	<p>Annually March 1</p>	<p>Robert Hopper</p>	<p>rhopper@sfwmd.gov 561-682-2784</p>
SFER VOLUME III – ANNUAL PERMIT REPORTS			
<p>Comprehensive Everglades Restoration Plan Regulation Act Projects - Volume III, Chapter 2 Annual report to comply with various reporting conditions required by permits issued by FDEP under the</p>	<p>Annually March 1</p>	<p>Chris King Nirmala Jeyakumar</p>	<p>ctking@sfwmd.gov 561-682-2723 njeyaku@sfwmd.gov 561-682-6471</p>

VIII. APPENDICES

PLAN / REPORT / ACTIVITY ¹	DUE DATE	CONTACT	E-MAIL ADDRESS TELEPHONE
Comprehensive Everglades Restoration Plan Regulation Act (CERPRA; Section 373.1502, F.S.).			
Everglades Forever Act Projects - Volume III, Chapter 3 Annual report to comply with various reporting conditions required by permits issued by FDEP under the EFA (Section 373.4592, F.S.).	Annually March 1	Nirmala Jeyakumar Chris King	njeyaku@sfwmd.gov 561-682-6471 ctking@sfwmd.gov 561-682-2723
Northern Everglades and Estuaries Protection Program Projects - Volume III, Chapter 4 Annual report to comply with various reporting conditions required by permits issued by FDEP under NEEPP legislation (Section 373.4595, F.S.).	Annually March 1	Nirmala Jeyakumar Chris King	njeyaku@sfwmd.gov 561-682-6471 ctking@sfwmd.gov 561-682-2723
Environmental Resource Permitting Projects - Volume III, Chapter 5 Annual report to comply with various reporting conditions required by permits issued by FDEP under the Environmental Resource Permit Program legislation (Section 373, Part IV, F.S. and Title 62, F.A.C.).	Annually March 1	Nirmala Jeyakumar Chris King	njeyaku@sfwmd.gov 561-682-6471 ctking@sfwmd.gov 561-682-2723
Regional Water Supply Plan	Every Five Years	Thomas Colios	tcolios@sfwmd.gov 561-682-6944
SWIM Plans	Not Applicable to SFWMD		
Five-Year Water Resource Development Work Program	Annually October	Nancy Demonstranti	ndemonst@sfwmd.gov 561-682-2563
Strategic Plan	Annually	Rich Sands	rsands@sfwmd.gov 561-682-2902

¹ Based on 2019 SFER chapter titles and content and 2019 SFER Lead Author List.

VIII. APPENDICES

B. Alternative Water Supply Funding

(Water Protection and Sustainability Programs)

Pursuant to Section 373.707(6)(a), F.S., the District has reviewed its funding for Alternative Water Supply projects, as summarized below.

Alternative Water Supply Funding in Fiscal Year 2019-20 Preliminary Budget

Funding Source	Amount of Funding	Percent of Total
District Funding for AWS	\$0	0%
State Funding for AWS	\$0	0%
Total Funding for AWS	\$0	0%

In Fiscal Year 2016-17, the District initiated a Cooperative Funding Program (CFP) to provide \$9.1 million in cost-share funding for AWS projects, as well as local water conservation and stormwater projects. The CFP provides financial incentives to promote local projects that complement ongoing regional restoration, flood control, water quality and water supply efforts within the District's 16-county region. In September 2016 the District Governing Board approved \$3.6 million to 14 AWS projects as part of the CFP for cost-share funding to local partners for project construction over a two-year period (Fiscal Year 2016-17 and Fiscal Year 2017-18). Of the 14 AWS projects, 9 (\$2.5 million) have been completed, 1 has been cancelled, and a time extension has been granted for the remaining 4 AWS projects with completion in Fiscal Year 2018-19. Additional funding identified in the District's Fiscal Year 2017-18 Budget for the CFP Alternative Water Supply (\$3.5 million) were pooled with other funds in the budget for use in response to Hurricane Irma impacts. Since some of the projects that were funded under the CFP in Fiscal Year 2016-17 are still underway and planned for completion in 2019, the Governing Board did not provide additional CFP funding in Fiscal Year 2018-19. Currently, there is no additional funding for this Program in Fiscal Year 2019-20, pending future Governing Board discussions on funding allocations for AWS funding initiatives.

Since Fiscal year 2008-09, no State funding has been budgeted for alternative water supply projects through the Water Protection and Sustainability Trust Fund.

VIII. APPENDICES

C. Project Worksheets

The projects listed in Appendix C include the projects anticipated to be included in the annual funding plan developed pursuant to the 5-Year Water Resource Development Work Program.

The projects listed in Appendix C to implement water resource development projects, as prioritized in its regional water supply plans, are included in the District's Preliminary Budget for a total of \$6,440,128 for Fiscal Year 2019-20. A breakdown of Alternative Water Supply funding is provided in Appendix B.

Appendix C - Fiscal Year 2019-2020 Preliminary Budget

South Florida Water Management District
 Appendix C
 Fiscal Year 2019-20
 Preliminary Budget- January 15, 2019

PROJECT INFORMATION														PROJECTED BUDGET REQUEST						AREA OF RESPONSIBILITY				
State Program	Activity-Subactivity	Title	Water Body	Project Description	Planning Document	Intended Quantified Water Quality Benefits	Achieved Quantified Water Quality Benefits	Intended Quantified Water Supply Benefits	Achieved Quantified Water Supply Benefits	Begin Date	End Date	Budget Request for FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	Phase	Water Supply	Water Quality	Flood Protect	Natural Systems	Mgmt. Svcs	
1.0 Water Resources, Planning and Monitoring																								
1	1.1.1	Water Supply Planning Development (DA01)	Lake Okeechobee, Caloosahatchee River, St. Lucie River, Indian River Lagoon, Loxahatchee River, Kissimmee River, Lake Istokpoga and water aquifers	Regional Water Supply Planning is a collaborative effort between the water management districts, local government agencies, utility and other stakeholders to address current and long-term water supply needs with a 20-year horizon in a sixteen-county area of Florida. The water supply plans, updated every five years, update population and water demands for six water use categories and identify project options to meet these needs. As criteria for Minimum Flow and Minimum Water Level (MFL) and water reservations are developed, they are incorporated into the water supply plan updates. Conservation and use of reclaimed water are addressed in the water supply plans. Groundwater modeling, using data from well drilling and testing, and monitoring are used to support the water supply plans.	2019 Five-Year Water Resources Development (WRD) Work Program (WP). Regional water supply plan documents for the five planning areas.	N/A	N/A	Updated population and water demands for six water use categories: public water supply, domestic self-supply, agriculture, recreation and landscape, power generation, industrial, commercial and institutional. Water supply needs for natural systems limit water available for allocation and are addressed through a variety of regulatory mechanisms and water resource development projects.	TBD	10/1/2016	9/30/2025	\$ 1,158,198	\$ 1,344,000	\$ 1,344,000	\$ 1,344,000	\$ 1,344,000	\$ 1,344,000	Initiation	75%	0%	0%	25%	0%	
1	1.1.1	CFWI RWSP 2020 Update (FY16-20) (DA03)	Floridan Aquifer/Central Florida Region	The Central Florida Water Initiative (CFWI) is a collaborative water supply planning effort among the state's three largest water management districts, the Florida Department of Environmental Protection, the Florida Department of Agriculture and Consumer Services, and regional stakeholders to address current and long-term water supply needs in a five-county area of Central Florida. The project focuses on identification of sustainable quantities of groundwater, including hydrogeologic investigations and data acquisition, and the identification/development of alternative water supplies for a fast growing population, and development of a single water supply plan for the multi-District region. The project requires investigatory drilling, hydrogeologic testing, water-quality sampling and analysis, instrumentation and monitoring; groundwater model development and application; documentation and inter-District and local government coordination. The investigations will produce permanent Upper and Lower Floridan aquifer (UFA/LFA) monitor wells and several wetland monitoring locations supporting aquifer sustainability determinations and Minimum Flow and Level development. These facilities constitute the largest capital portion of the project. Hydrogeologic benefits include: (1) Quantify hydrogeologic limitations of the Upper Floridan Aquifer (UFA) and the Lower Floridan Aquifer (LFA) as a source of water supply within the CFWI. (2) Coordinate with St. Johns River and Southwest Florida Water Management Districts to develop a unified interpretation of the hydrogeologic framework of the LFA. (3) Provide data regarding inter-aquifer leakage, aquifer parameters, and time-series of water levels in key areas to improve model calibration and predictions in the CFWI. Incorporating additional hydrologic and geohydrologic data, and more recent land use information will improve model accuracy. (4) Provide data to support evaluations of areas where there is a high probability of existing stressed wetland systems caused by groundwater withdrawals and those areas deemed to be at risk from stress caused by future groundwater withdrawals.	2019 Five-Year Water Resources Development (WRD) Work Program (WP). CFWI Documents: DMIT Hydrogeologic Work Plan for FY2015-FY2020; Regional Monitoring Program; CFWI Regional Water Supply Plan, including the 2035 Water Resources Protection and Water Supply Strategies document and associated appendices (Final November 2015); and Five-Year Capital Improvement Plan.	N/A	Prevent the migration of saltwater intrusion into drinking water supplies of Central Florida	Development, productivity, and sustainability of the LFA, UFA, and the impacts to water resources and related natural systems.	TBD	10/1/2016	9/30/2025	\$ 2,023,478	\$ 541,000	\$ 541,000	\$ 541,000	\$ 541,000	\$ 541,000	Initiation	75%	0%	0%	25%	0%	
1	1.1.1	Five-Year Water Resources Development (WRD) Work Program(WP) Ground Water Monitoring (DF01/DF06)	Groundwater (Aquifers)	Water level and water quality monitoring and testing at existing wells to provide critical information to aid the District in developing groundwater models, evaluating groundwater conditions, evaluating effects of SPWMD projects (e.g., I-8 F&B, Caulkins Water Farm, etc.) and managing these resources from long-term and emergency (e.g., water shortage) perspectives. The District maintains extensive groundwater monitoring networks and partners with the United States Geological Survey (USGS) to provide additional support and funding for ongoing monitoring. University and consultant experts in isotope water quality and water budgets have been retained to assist in evaluating the annual water quality report associated with the FPL Turkey Point Power Plant Cooling Canal System.	2019 Five-Year Water Resources Development (WRD) Work Program (WP). District Technical publications and hydro-meteorological database, DBHYDRO. Data from sites monitored by the USGS are archived in the USGS database and published annually. Consultant provided annual report. SPWMD's technical publications (www.sfwmd.gov/techpubs) and DBHYDRO (www.sfwmd.gov/dbhydro).	N/A	Protect Miami-Dade water supply in the Biscayne Aquifer.	TBD	10/1/2016	9/30/2025	\$ 1,419,402	\$ 1,450,000	\$ 1,450,000	\$ 1,450,000	\$ 1,450,000	\$ 1,450,000	Initiation	75%	0%	0%	25%	0%		
1	1.1.1	Groundwater Modeling (DF02/DF07)	Groundwater (Aquifers)	Develop, calibrate, conduct peer reviews, and apply regional groundwater models to support regional water supply plan updates.	2019 Five-Year Water Resources Development (WRD) Work Program (WP). District Technical publications and hydro-meteorological database, DBHYDRO. Data from sites monitored by the USGS are archived in the USGS database and published annually.	N/A	While it is not possible to quantify water supply benefits from this effort, it will (1) protect utility wellfields with advanced warning for potential for saltwater intrusion, (2) protect aquifers from overuse that might induce saltwater intrusion, (3) allow evaluation of benefits of new projects and (4) allow optimization of water withdrawals to meet water demands while protecting natural systems.	TBD	10/1/2016	9/30/2025	\$ 752,536	\$ 775,000	\$ 775,000	\$ 775,000	\$ 775,000	\$ 775,000	Initiation	100%	0%	0%	0%	0%		
1.1.1 Water Supply Planning Total												\$ 5,353,618	\$ 4,110,000	\$ 4,110,000	\$ 4,110,000	\$ 4,110,000	\$ 4,110,000		81%	0%	0%	19%	0%	
1	1.1.2	MFL, Water Reservation Activities and Restricted Allocation Areas (DC01/DC09)	Kissimmee River, Caloosahatchee River	Completion of rule development to establish a water reservation for the Kissimmee River; Completion of Kissimmee Statement of Estimated Regulatory Costs (SERC) Evaluation and Caloosahatchee SERC Evaluation.	2019 Five-Year Water Resources Development (WRD) Work Program (WP). Draft Technical Document to Support Water Reservations for the Kissimmee River and Chain of Lakes.	N/A	N/A	Water reservations set aside a volume of water for the protection of fish and wildlife or public health and safety. MFLs define the point at which additional withdrawals will result in significant harm to the water resources or ecology of the area	TBD	10/1/2016	9/30/2025	\$ 305,545	\$ 380,000	\$ 380,000	\$ 380,000	\$ 380,000	\$ 380,000	Initiation	25%	0%	0%	75%	0%	
1.1.2 Minimum Flows and Levels Total												\$ 305,545	\$ 380,000	\$ 380,000	\$ 380,000	\$ 380,000	\$ 380,000		25%	0%	0%	75%	0%	
1	1.3.1	Comprehensive Plan and Documents Review/Technical Assistance to Local Governments (DA02/DA04)	Lake Okeechobee, Caloosahatchee River, St. Lucie River, Indian River Lagoon, Loxahatchee River, Kissimmee River, Lake Istokpoga and water aquifers	District staff review local government comprehensive plans and plan amendments, including water supply facilities work plans, as required by Chapter 163, F.S. Technical assistance is provided to local governments under Sections 189.4156 and 373.711, F.S., to assist in the development and future revision of local government comprehensive plan elements and to minimize impacts to important state and regional water resources. This includes review comprehensive plans of local governments for consistency with the District regional water supply plan updates and other water management district responsibilities. District Planning staff provide technical assistance to local governments as they are preparing their ten-year Water Supply Facilities Work Plans and comprehensive plans for compliance with regional water supply plans.	2019 Five-Year Water Resources Development (WRD) Work Program (WP).	N/A	N/A	To assure compliance with regional water supply plan updates	TBD	10/1/2016	9/30/2025	\$ 211,601	\$ 206,000	\$ 206,000	\$ 206,000	\$ 206,000	\$ 206,000	Initiation	75%	0%	0%	25%	0%	
1.3.1 Technical Assistance Total												\$ 211,601	\$ 206,000	\$ 206,000	\$ 206,000	\$ 206,000	\$ 206,000		75%	0%	0%	25%	0%	
PROGRAM TOTAL												\$ 5,870,760	\$ 4,696,000	\$ 4,696,000	\$ 4,696,000	\$ 4,696,000	\$ 4,696,000		PROGRAM TOTAL					
2.0 Acquisition, Restoration and Public Works																								
2	2.2.1	Water Supply Implementation (DB01)	Lake Okeechobee, Caloosahatchee River, St. Lucie River, Indian River Lagoon, Loxahatchee River, Kissimmee River, Lake Istokpoga and water aquifers	District water supply planning managers coordinate with local governments, agencies and water users on implementation of regional water supply plan updates and to gather new data for future updates. Regional water supply plans include specific recommendations and implementation strategies to ensure availability of future water supplies. Coordination, execution, and facilitation of water resource development activities, operational changes, implementation of AWS development, consumptive use permitting, conservation programs, and rulemaking associated with the plans is a multi-year process that involves working closely with other agencies, local governments, utilities, the agricultural industry, and environmental interests. This includes facilitation and coordination with over 100 water utilities for their statutorily required annual update of water supply development projects to the District's Local Government and Water Supply Planning and Utility Project (WaSUP) database, coordination of desalination, water reuse and aquifer storage and recovery.	2019 Five-Year Water Resources Development (WRD) Work Program (WP).	N/A	N/A	N/A	N/A	10/1/2016	9/30/2024	\$ 229,432	\$ 252,000	\$ 252,000	\$ 262,616	\$ 252,000	\$ 252,000	Initiation	100%	0%	0%	0%	0%	
2.2.1 Water Resource Development Projects Total												\$ 229,432	\$ 252,000	\$ 252,000	\$ 262,616	\$ 252,000	\$ 252,000		100%	0%	0%	0%	0%	
2	2.2.2	Cooperative Funding Program (DE01)	Water Aquifers	District staff technical assistance and review of water supply development projects for AWS as part of the Cooperative Funding Program (CFP). Future Governing Board discussions on funding allocations for the cooperative funding initiatives will be completed after audited reserve balances are known, for that reason they are not in the Fiscal Year 2019-20 preliminary budget.	2019 Five-Year Water Resources Development (WRD) Work Program (WP).	N/A	N/A	N/A	N/A	10/1/2016	9/30/2021	\$ 51,246	\$ 64,000	\$ -	\$ -	\$ -	\$ -	Planning	100%	0%	0%	0%	0%	
2.2.2 Water Supply Development Assistance Total												\$ 51,246	\$ 64,000	\$ -	\$ -	\$ -	\$ -		100%	0%	0%	0%	0%	

Appendix C - Fiscal Year 2019-20 Preliminary Budget

South Florida Water Management District Appendix C Fiscal Year 2019-20 Preliminary Budget- January 15, 2019																									
PROJECT INFORMATION															PROJECTED BUDGET REQUEST						AREA OF RESPONSIBILITY				
State Program	Activity-Subactivity	Title	Water Body	Project Description	Planning Document	Intended Quantified Water Quality Benefits	Achieved Quantified Water Quality Benefits	Intended Quantified Water Supply Benefits	Achieved Quantified Water Supply Benefits	Begin Date	End Date	Budget Request for FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	Phase	Water Supply	Water Quality	Flood Protect	Natural Systems	Mgmt. Svcs		
2	2.3.1	DWM Dispersed Water Management Program Existing Operations	Lake Okeechobee, Caloosahatchee River and Estuary, and St. Lucie River and Estuary	Implementation of Dispersed Water Management (DWM) Projected for Northern Everglades and Estuaries Protection Program. DWM projects include Istokpoga Marsh Watershed impoundment, Florida Ranchlands Environmental Services, Nicodemus Slough water storage, Northern Everglades Payment for Environmental Services, Water Farming, Temporary Storage, and Public Lands. The parent project includes program management, water quantity and quality monitoring, general operations and maintenance, replacement and new capital equipment, and evaluation of future DWM efforts.	Northern Everglades and Estuaries Protection Program - https://www.sfwmd.gov/our-work/northern-everglades 2018 South Florida Environmental Report, Northern Everglades and Estuaries Protection Program - http://apps.sfwmd.gov/sfwmd/SFER2018_sfer_draft/v1/chapters/v1_ch8a.pdf	N/A		N/A	Incidental groundwater recharge	10/1/2005	9/30/2029	\$ 5,928,974	\$ 7,000,000	\$ 5,089,044	\$ 2,534,139	\$ 1,233,439	\$ 1,173,414	Planning, Design, Construction, Monitoring	0%	99%	1%	0%	0%		
2	2.3.1	Dispersed Water Management New Capital Improvements	Lake Okeechobee, Caloosahatchee River and Estuary, and St. Lucie River and Estuary	Implementation of NEEPP Public-Private Partnerships. Through Senate Bill 552, the 2016 Legislature amended Section 373.4591, Florida Statutes - Improvements on private agricultural lands. The amendment encourages these partnerships to accomplish water storage, groundwater recharge, and water quality improvements on private agricultural lands. Priority consideration shall be given to public private partnerships that: (a) Store or treat water on private lands for purposes of enhancing hydrologic improvement, improving water quality, or assisting in water supply; (b) provide critical groundwater recharge; or (c) Provide for changes in land use to activities that minimize nutrient loads and maximize water conservation. The amendment also requires the establishment of baseline conditions before construction of projects that may create or impact wetlands or other surface waters. The FDEP, FDACS, and the District collaborated in identifying and prioritizing six projects for implementation, one of which is already in operation, one will begin construction in 2018, one is in negotiations for construction, and the remaining projects are in planning and design phases.	Senate Bill 552 - Environmental Resources, Florida Laws Chapter 2016-1 (http://www.frules.org/2016/1) 2016 Florida Statute 373.4591 (https://www.flstatute.gov/Laws/Statutes/2016/373.4591) 2018 South Florida Environmental Report, Northern Everglades and Estuaries Protection Program - http://apps.sfwmd.gov/sfwmd/SFER2018_sfer_draft/v1/chapters/v1_ch8a.pdf			N/A	Incidental groundwater recharge	10/1/2016	10/1/2029	\$ 9,901,860	\$ 34,842,605	\$ 34,844,205	\$ 34,721,005	\$ 34,723,408	\$ 34,725,883	Planning, Design, Construction	0%	99%	1%	0%	0%		
2	2.3.1	DWM PUB Allapattah Parcels A&B (formerly 100841)	St. Lucie River Estuary	This project initiated under project 100841. It includes an agreement with the USDA-Natural Resource Conservation Service (NRCS) for the Allapattah Conservation and Recreation Area (12,725 acres) to implement a USDA NRCS Wetland Reserve Project under DWM. The project is to restore the overall drainage patterns to natural conditions by plugging ditches and installing drainage control structures. Project Benefit: Storage of excess flows, decreasing discharges to the St. Lucie River and Estuary, improved hydrology, water conservation.	Northern Everglades and Estuaries Protection Program - https://www.sfwmd.gov/our-work/northern-everglades 2018 South Florida Environmental Report, Northern Everglades and Estuaries Protection Program - http://apps.sfwmd.gov/sfwmd/SFER2018_sfer_draft/v1/chapters/v1_ch8a.pdf	Water quality benefits were not quantified.		N/A	Incidental groundwater recharge	9/13/2012	9/30/2020	\$ 1,317,084	\$ -	\$ -	\$ -	\$ -	\$ -	Design, Construction	0%	99%	1%	0%	0%		
2.3.1 Dispersed Water Management Total												\$ 17,147,918	\$ 42,791,204	\$ 42,791,204	\$ 42,791,204	\$ 42,391,204	\$ 37,791,204	0%	99%	1%	0%	0%			
2	2.3.1	Kissimmee River ASR	Kissimmee River (C-38 Canal)	The ASR Facility was constructed as part of the CERP ASR Pilot Project and in 2013, the system was transferred from the USACE to the SFWMD. The ASR system consists of an ASR well with piped connections to the Kissimmee River via an intake/screen structure, injection pump, a pressure media filter, and ultraviolet (UV) disinfection system. The system is designed for recharge and recovery pumping rates of 3,500 gallons per minute (5 mgd). The ASR well has 24-inch diameter casing cemented within the upper Floridan Aquifer at 562 feet below land surface (fbs) and open borehole completed to a depth of 870 fbs. Recovery is accomplished via a vertical turbine pump mounted on the ASR wellhead, which routes water back to a cascade discharge structure on the Kissimmee River. This project is to inspect the existing facility, which has not been operated for a couple of years, and repair as needed to get the ASR facility back to operating condition. Then, further operating cycles 5 through 7. Permitting and associated monitoring are included as well as a study on the phosphorus reduction potential of this ASR.	Five-Year Capital Improvements Program	TBD		TBD	TBD	6/1/2016	9/30/2020	\$ 92,566	\$ -	\$ -	\$ -	\$ -	\$ -	Execution	20%	20%	0%	60%	0%		
2	2.3.1	KR Restoration Evaluation Program	Kissimmee River and Floodplain; Lake Kissimmee, Lake Cypress and Lake Hatchineha	This project is mandated per the 1994 Project Cooperative Agreement with USACE and contains the studies that will evaluate the success of the Kissimmee River Restoration Project relative to achievement of the ecological integrity goal. Activities are organized relative to the major ecosystem components identified in the Kissimmee River, Florida Project Integrated Feasibility Report and Environmental Impact Statement (1991) and the Headwater Revitalization Report (1996). Activities in this project are associated with pre- and post-construction monitoring required under the Project Cooperation Agreement between the USACE and the SFWMD for the Kissimmee River Restoration Project (KRPP). Project Benefit: Pre- and post-construction monitoring associated with the Kissimmee River Restoration Evaluation Program (KRREP) is designed to evaluate whether the project purposes for the river / floodplain (ecological integrity) and the headwater lakes (increase habitat quantity and improve habitat quality) are being achieved. Evaluation for these project purposes requires an array of integrated / multidisciplinary data collection, evaluation, and other activities. In addition, information/results from these activities are combined and used by SFWMD and USACE to assess whether ecological responses are on the right trajectory or require adaptive management to address undesirable responses.	C&SF Final Integrated Feasibility Report and Environmental Impact Statement - Environmental Restoration of Kissimmee River, Florida 1991; 2016 South Florida Environmental Report, vol. 1; Chapter 9: Kissimmee River Restoration and Basin Initiatives p. 9-22			TBD	TBD	10/1/2010	9/30/2030	\$ 1,094,182	\$ 1,201,645	\$ 1,133,936	\$ 657,944	\$ 455,000	\$ 455,000	Monitoring	0%	20%	40%	40%	0%		
2.3.1 Kissimmee River Restoration Total												\$ 1,186,748	\$ 1,201,645	\$ 1,133,936	\$ 657,944	\$ 455,000	\$ 455,000	10%	20%	20%	50%	0%			
2	2.3.1	CERP Land Acquisition	Everglades	Funding for Future CERP Land Acquisition	TBD	TBD		TBD	TBD	TBD	TBD	\$ 8,588,234	\$ -	\$ -	\$ -	\$ -	\$ -	Planning	20%	20%	0%	60%	0%		
2.3.1 Land Total												\$ 8,588,234	\$ -	\$ -	\$ -	\$ -	\$ -	20%	20%	0%	60%	0%			
2	2.3.1	Lakeside Ranch STA Phase II	Lake Okeechobee	Phase II will complete a 788 Acre STA (South) and the New Pump Station S-191A. Component of Lake Okeechobee Watershed Construction Project Phase II Technical Plan, Component of Comprehensive Everglades Restoration Plan (CERP) Lake Okeechobee Watershed Project, included in Lake Okeechobee Basin Management Action Plan (BMAP). Project Benefit: Remove phosphorus from runoff coming from nutrient "hot spots" in Lake Okeechobee watershed. Remove approximate 19 metric tons phosphorus annually (Phase I & II). Recirculate water from the Lake for additional phosphorus removal (S-191A PS). Protect wildlife and cultural resources, provide recreational and public outreach features. Currently, the Phase II STA is under construction	Featured in the Lake Okeechobee Watershed Construction Project Phase II Technical Plan, Northern Everglades and Estuaries Protection Program - Section 373.4595, F.S. Lake Okeechobee BMAP adopted December 2014; project included in the BMAP, Five-Year Capital Improvements Plan and 2019 SFER.	19 metric tons of P per year		N/A	N/A	8/31/2000	9/30/2021	\$ 16,162,061	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	Construction	0%	75%	10%	15%	0%		
2.3.1 Northern Everglades & Estuaries Projects Total												\$ 16,162,061	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	0%	75%	10%	15%	0%			
2	2.3.1	C-43 Bioassays and Mesocosms (Grant 319)	Caloosahatchee River Estuary	The District is partnering with Lee County on the development and implementation of the C-43 Water Quality Treatment and Testing Facility Project (C43-WQTF) that will demonstrate cost-effective, wetland-based strategies for reducing nutrient loading, primarily TN, from the C-43 to help meet the Total Maximum Daily Load (TMDL) established for the Caloosahatchee River and Estuary. Project land was acquired with funds from Lee County, SFWMD and the State. As a multi-phase project, the District is conducting the first phase of the project, which includes bioassays and mesocosms. Under the Phase I demonstration, bioassays are being performed to determine the fraction of biologically available dissolved organic nitrogen in the Caloosahatchee River. Mesocosm study is also being performed to assess potential surface water nitrogen removal rates using different plant communities, sediment treatments, and hydrologic loading rates. Mesocosm construction was completed in June 2016. The mesocosm study began in July 2016 and is planned for completion in December 2018. As part of Phase I, a denitrification study is also planned in FY2018-19 to help determine how vegetation types, sediment treatments and hydraulic loading rates affect denitrification rates in the mesocosms. The remaining phases—Phase II of the demonstration (test and field-scale cells) and the full treatment facility—are both contingent on future legislative funding.	CERP, Caloosahatchee River Watershed Protection Plan.	N/A		N/A	N/A	10/1/2014	9/30/2019	\$ 101,330	\$ -	\$ -	\$ -	\$ -	\$ -	O&M, Data Collection, Monitoring	0%	50%	0%	50%	0%		
2	2.3.1	Biscayne Bay Coastal Wetlands Phase 1/L-31 East Flow Way	Biscayne Bay	The L-31 East Flow Way is a project element of the Biscayne Bay Coastal Wetlands (BBCW) Phase 1 project and is a component of CERP. The L-31 East Flow Way is intended to achieve a number of the objectives of CERP, namely improving freshwater and estuarine habitat and salinity distribution within Biscayne Bay, reestablishing productive nursery habitat along the shoreline and improving the distribution of freshwater to the Bay and Biscayne National Park. The project achieves these objectives in a simple manner, redirecting runoff within the C-102 and C-103 basins, that currently discharges to tide through the coastal wetlands along the Bay. Project Benefit: To identify and implement short term projects/measures towards meeting Regional goals and to provide a longer term, more comprehensive plan towards meeting Regional goals. The project is necessary to restore the quality, quantity, timing and distribution of freshwater into the Bay and Biscayne National Park, and preserve and restore the spatial extent of natural coastal glades habitat within the project's study area.	CERP, Five-Year Capital Improvements Plan and 2019 SFER.			N/A	N/A	10/1/2013	9/30/2019	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ -	Design/Construction	20%	20%	0%	60%	0%		
2	2.3.1	CEPP C44/C23 Interconnect	C-23 Canal	C-44 Reservoir (RIS-S) and connection to C-23 Canal. Identified in the CEPP PIR as being required prior to re-directing the maximum amount of water from Lake Okeechobee south to the FEB to meet environmental performance, to avoid reduction in low flows to the St. Lucie Estuary and to avoid low Lake Okeechobee water levels that effect the LOSA.	CERP, CEPP PIR, Five-Year Capital Improvements Plan	TBD		TBD	N/A (project is not operational)	10/1/2018	9/30/2023	\$ 1,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 4,500,000	\$ -	Planning	20%	20%	0%	60%	0%		

Appendix C - Fiscal Year 2019-2020 Preliminary Budget

South Florida Water Management District
Appendix C
Fiscal Year 2019-20
Preliminary Budget- January 15, 2019

PROJECT INFORMATION											PROJECTED BUDGET REQUEST						AREA OF RESPONSIBILITY						
State Program	Activity-Subactivity	Title	Water Body	Project Description	Planning Document	Intended Quantified Water Quality Benefits	Achieved Quantified Water Quality Benefits	Intended Quantified Water Supply Benefits	Achieved Quantified Water Supply Benefits	Begin Date	End Date	Budget Request for FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	Phase	Water Supply	Water Quality	Flood Protect	Natural Systems	Mgmt. Svcs
2	2.3.1	Rolling Meadows Wetland Restoration Phase 2	Lake Hatchineha	Design of Rolling Meadows Phase 2 - The purpose of this project is to restore the historical Lake Hatchineha floodplain wetlands and habitat in the Rolling Meadows property as well as provide ancillary water quality, timing, and distribution benefits. Phase 2 will restore 580 acres of wetlands and has a BMAP target of .01MT/yr TP load reduction.	Northern Everglades and Estuaries Protection Program - https://www.sfwmd.gov/our-work/northern-everglades 2018 South Florida Environmental Report, Northern Everglades and Estuaries Protection Program - http://apps.sfwmd.gov/sfwmd/SFER/2018_sfer_draft/v1/chapters/v1_ch8a.pdf	TBD	TBD	N/A	TBD	10/1/2019	TBD	\$ 250,000	TBD	TBD	TBD	TBD	TBD	Planning	20%	20%	0%	60%	0%
2	2.3.1	L-63N Canal ASR System Reactivation	Lake Okeechobee	Reactivation of this ASR system includes reestablishment of electrical service and replacement of various instrumentation, controls, pumping, and piping connections. This ASR system, located within the Taylor Creek/Nubbin Slough sub-watershed, was constructed in the late 1980's as one of the earliest evaluations of ASR systems for environmental restoration and has not operated since 1992. In 2006, a mechanical evaluation of the ASR well and surface components determined the system is still viable and could be reactivated. This system is intended to store stormwater from Taylor Creek/Nubbin Slough sub-watershed prior to reaching Lake Okeechobee when discharges from the lake may be harmful to the Northern Everglades Estuaries. Should the system integrity demonstrate full capacity, 5-MGD may be able to be stored with a 30-50 percent return capability.	CERP Northern Everglades and Estuaries Protection Program - https://www.sfwmd.gov/our-work/northern-everglades	TBD	TBD	TBD	TBD	10/1/2019	TBD	\$ 1,000,000	TBD	TBD	TBD	TBD	TBD	Planning	20%	20%	0%	60%	0%
2	2.3.1	2019 SA Everglades Restoration	Everglades	Anticipated Funding from the 2019 Legislative Session for the Implementation of Everglades Restoration Projects. To be allocated to CERP/CERP Everglades Restoration Projects.	CERP	TBD	TBD	TBD	TBD	TBD	TBD	\$ 145,500,000	TBD	TBD	TBD	TBD	TBD	Planning	20%	20%	0%	60%	0%
2	2.3.1	Everglades Agricultural Area Reservoir (EAA) Storage Reservoir	TBD	The Water Resources Law (Laws of Florida, Chapter 2017-10, Senate Bill 10) directed the expedited design and construction of a water storage reservoir in the Everglades Agricultural Area (EAA) to provide for a significant increase in southern storage to reduce the high-volume discharges from Lake Okeechobee. The reservoir is a project component of the Central Everglades Planning Project, and is designed to hold 240,000 acre-feet of water including the necessary water quality features and conveyance to meet state and federal water quality standards. The EAA Storage Reservoir was authorized by Congress in the Water Resources Development Act (WRDA) October 2018. Initial site work has started that will inform design and reduce the overall construction time frame.	Five Year Capital Improvements Plan, 2019 SFER	TBD	TBD	Will meet State Water Quality Standards and achieve the Water Quality Based Effluent Limit (WQBEL) prior to discharging into the Everglades Protection Area.	TBD	10/1/2017	TBD	\$ 119,308,773	\$ 64,000,000	\$ 64,000,000	\$ 64,000,000	\$ 64,000,000	\$ 64,000,000	Planning	20%	20%	0%	60%	0%
2.3.1 Restoration Total												\$ 267,210,103	\$ 69,050,000	\$ 69,050,000	\$ 69,050,000	\$ 68,500,000	\$ 64,000,000		17%	24%	0%	59%	0%
2	2.3.1	Restoration Strategies: Overall Project	Everglades	Restoration Strategies overall planning project for future projects. Funding for the STA1-W Expansion #2, C-139 FEB, STA 5/6 Internal Improvements and the on-going work on the G-341 Related Conveyance Improvements is planned in this project for Fiscal Year 2019-20 Preliminary Budget as projects are being cash flowed out for future year needs. Projects completed or nearing completion are: A-1 FEB, L-8 FEB, S-5AS, L-8 Divide, G-716, STA1-W Expansion #1, Multiple Phases of the G-341 Conveyance Improvements, and multiple Science Plan studies and source control initiatives.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2019 SFER.	N/A	N/A	N/A	N/A	4/2/2012	12/31/2025	\$ 32,814,796	\$ 61,778,287	\$ 121,778,287	\$ 129,778,289	\$ 61,778,287	\$ 61,778,287	Planning	20%	20%	0%	60%	0%
2	2.3.1	RS Science Plan STA Water and TP Budget	Everglades	Key areas that should be considered for further scientific studies include the effect of the following factors on STA performance: (1) phosphorus loading rates; (2) inflow phosphorus concentration; (3) hydraulic loading rates; (4) inflow water volumes, timing, pulsing, peak flows, and water depth; (5) phosphorus speciation at inflows and outflows; (6) effects of microbial activity and enzymes on phosphorus uptake; (7) phosphorus re-suspension and flux; (8) the stability of accreted phosphorus; (9) phosphorus concentrations and forms in soil and flood; (10) soil flux management measures; (11) influence of water quality constituents such as calcium; (12) emergent and submerged vegetation speciation; (13) vegetation density and cover; (14) weather conditions such as hurricane and drought; and (15) the inter-relationships between those factors. Project Benefit: Conduct research to improve STA treatment performance in support of Restoration Strategies to meet the WQBEL and State Water Quality Standards for the Everglades Protection Area.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2019 SFER.	N/A	N/A	N/A	N/A	8/15/2013	9/30/2020	\$ 299,471	\$ 271,664	\$ -	\$ -	\$ -	\$ -	Research	20%	20%	0%	60%	0%
2	2.3.1	RS Science Plan Deep Water Pulse on Cattail	Everglades	Key areas that should be considered for further scientific studies include the effect of the following factors on STA performance: (1) phosphorus loading rates; (2) inflow phosphorus concentration; (3) hydraulic loading rates; (4) inflow water volumes, timing, pulsing, peak flows, and water depth; (5) phosphorus speciation at inflows and outflows; (6) effects of microbial activity and enzymes on phosphorus uptake; (7) phosphorus re-suspension and flux; (8) the stability of accreted phosphorus; (9) phosphorus concentrations and forms in soil and flood; (10) soil flux management measures; (11) influence of water quality constituents such as calcium; (12) emergent and submerged vegetation speciation; (13) vegetation density and cover; (14) weather conditions such as hurricane and drought; and (15) the inter-relationships between those factors. Project Benefit: Conduct research to improve STA treatment performance in support of Restoration Strategies to meet the WQBEL and State Water Quality Standards for the Everglades Protection Area.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2019 SFER.	N/A	N/A	N/A	N/A	3/20/2014	9/30/2020	\$ 184,636	\$ 486,659	\$ -	\$ -	\$ -	\$ -	Research	20%	20%	0%	60%	0%
2	2.3.1	RS Science Plan P-Sources, Forms and Flux	Everglades	Key areas that should be considered for further scientific studies include the effect of the following factors on STA performance: (1) phosphorus loading rates; (2) inflow phosphorus concentration; (3) hydraulic loading rates; (4) inflow water volumes, timing, pulsing, peak flows, and water depth; (5) phosphorus speciation at inflows and outflows; (6) effects of microbial activity and enzymes on phosphorus uptake; (7) phosphorus re-suspension and flux; (8) the stability of accreted phosphorus; (9) phosphorus concentrations and forms in soil and flood; (10) soil flux management measures; (11) influence of water quality constituents such as calcium; (12) emergent and submerged vegetation speciation; (13) vegetation density and cover; (14) weather conditions such as hurricane and drought; and (15) the inter-relationships between those factors. Project Benefit: Conduct research to improve STA treatment performance in support of Restoration Strategies to meet the WQBEL and State Water Quality Standards for the Everglades Protection Area.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2019 SFER.	N/A	N/A	N/A	N/A	8/1/2013	9/30/2020	\$ 580,523	\$ -	\$ -	\$ -	\$ -	\$ -	Research	20%	20%	0%	60%	0%
2	2.3.1	RS Science Plan Soil Amendments	Everglades	Key areas that should be considered for further scientific studies include the effect of the following factors on STA performance: (1) phosphorus loading rates; (2) inflow phosphorus concentration; (3) hydraulic loading rates; (4) inflow water volumes, timing, pulsing, peak flows, and water depth; (5) phosphorus speciation at inflows and outflows; (6) effects of microbial activity and enzymes on phosphorus uptake; (7) phosphorus re-suspension and flux; (8) the stability of accreted phosphorus; (9) phosphorus concentrations and forms in soil and flood; (10) soil flux management measures; (11) influence of water quality constituents such as calcium; (12) emergent and submerged vegetation speciation; (13) vegetation density and cover; (14) weather conditions such as hurricane and drought; and (15) the inter-relationships between those factors. Project Benefit: Conduct research to improve STA treatment performance in support of Restoration Strategies to meet the WQBEL and State Water Quality Standards for the Everglades Protection Area.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2019 SFER.	N/A	N/A	N/A	N/A	10/31/2013	9/30/2020	\$ 175,256	\$ -	\$ -	\$ -	\$ -	\$ -	Research	20%	20%	0%	60%	0%
2	2.3.1	RS Science Plan SAV Resiliency	Everglades	Key areas that should be considered for further scientific studies include the effect of the following factors on STA performance: (1) phosphorus loading rates; (2) inflow phosphorus concentration; (3) hydraulic loading rates; (4) inflow water volumes, timing, pulsing, peak flows, and water depth; (5) phosphorus speciation at inflows and outflows; (6) effects of microbial activity and enzymes on phosphorus uptake; (7) phosphorus re-suspension and flux; (8) the stability of accreted phosphorus; (9) phosphorus concentrations and forms in soil and flood; (10) soil flux management measures; (11) influence of water quality constituents such as calcium; (12) emergent and submerged vegetation speciation; (13) vegetation density and cover; (14) weather conditions such as hurricane and drought; and (15) the inter-relationships between those factors. Project Benefit: Conduct research to improve STA treatment performance in support of Restoration Strategies to meet the WQBEL and State Water Quality Standards for the Everglades Protection Area.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2019 SFER.	N/A	N/A	N/A	N/A	2/15/2018	9/30/2020	\$ 232,808	\$ -	\$ -	\$ -	\$ -	\$ -	Research	20%	20%	0%	60%	0%
2	2.3.1	RS Science Plan Faunal Abundance	Everglades	Key areas that should be considered for further scientific studies include the effect of the following factors on STA performance: (1) phosphorus loading rates; (2) inflow phosphorus concentration; (3) hydraulic loading rates; (4) inflow water volumes, timing, pulsing, peak flows, and water depth; (5) phosphorus speciation at inflows and outflows; (6) effects of microbial activity and enzymes on phosphorus uptake; (7) phosphorus re-suspension and flux; (8) the stability of accreted phosphorus; (9) phosphorus concentrations and forms in soil and flood; (10) soil flux management measures; (11) influence of water quality constituents such as calcium; (12) emergent and submerged vegetation speciation; (13) vegetation density and cover; (14) weather conditions such as hurricane and drought; and (15) the inter-relationships between those factors. Project Benefit: Conduct research to improve STA treatment performance in support of Restoration Strategies to meet the WQBEL and State Water Quality Standards for the Everglades Protection Area.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2019 SFER.	N/A	N/A	N/A	N/A	2/15/2018	9/30/2020	\$ 210,000	\$ -	\$ -	\$ -	\$ -	\$ -	Research	20%	20%	0%	60%	0%

Appendix C - Fiscal Year 2019-20 Preliminary Budget

South Florida Water Management District
Appendix C
Fiscal Year 2019-20
Preliminary Budget- January 15, 2019

PROJECT INFORMATION											PROJECTED BUDGET REQUEST						AREA OF RESPONSIBILITY						
State Program	Activity-Subactivity	Title	Water Body	Project Description	Planning Document	Intended Quantified Water Quality Benefits	Achieved Quantified Water Quality Benefits	Intended Quantified Water Supply Benefits	Achieved Quantified Water Supply Benefits	Begin Date	End Date	Budget Request for FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	Phase	Water Supply	Water Quality	Flood Protect	Natural Systems	Mgmt. Svcs
2	2.3.1	RS Science Plan Lab QA/QC Support	Everglades	Key areas that should be considered for further scientific studies include the effect of the following factors on STA performance: (1) phosphorus loading rates; (2) inflow phosphorus concentration; (3) hydraulic loading rates; (4) inflow water volumes, timing, pulsing, peak flows, and water depth; (5) phosphorus speciation at inflows and outflows; (6) effects of microbial activity and enzymes on phosphorus uptake; (7) phosphorus re-suspension and flux; (8) the stability of accreted phosphorus; (9) phosphorus concentrations and forms in soil and flood; (10) soil flux management measures; (11) influence of water quality constituents such as calcium; (12) emergent and submerged vegetation speciation; (13) vegetation density and cover; (14) weather conditions such as hurricane and drought; and (15) the inter-relationships between those factors. Project Benefit: Conduct research to improve STA treatment performance in support of Restoration Strategies to meet the WQBEL and State Water Quality Standards for the Everglades Protection Area.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2019 SFER.	To meet the WQBEL starting in 2025 and State water quality standards in the Everglades Protection Area.	N/A	N/A	N/A	7/16/2018	9/30/2020	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	Research	20%	20%	0%	60%	0%
2	2.3.1	RS Science Plan Periphyton	Everglades	Key areas that should be considered for further scientific studies include the effect of the following factors on STA performance: (1) phosphorus loading rates; (2) inflow phosphorus concentration; (3) hydraulic loading rates; (4) inflow water volumes, timing, pulsing, peak flows, and water depth; (5) phosphorus speciation at inflows and outflows; (6) effects of microbial activity and enzymes on phosphorus uptake; (7) phosphorus re-suspension and flux; (8) the stability of accreted phosphorus; (9) phosphorus concentrations and forms in soil and flood; (10) soil flux management measures; (11) influence of water quality constituents such as calcium; (12) emergent and submerged vegetation speciation; (13) vegetation density and cover; (14) weather conditions such as hurricane and drought; and (15) the inter-relationships between those factors. Project Benefit: Conduct research to improve STA treatment performance in support of Restoration Strategies to meet the WQBEL and State Water Quality Standards for the Everglades Protection Area.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2019 SFER.	To meet the WQBEL starting in 2025 and State water quality standards in the Everglades Protection Area.	N/A	N/A	N/A	10/1/2018	9/30/2020	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	Research	20%	20%	0%	60%	0%
2	2.3.1	RS Science Plan L-8 FEB & STA Operational Guidance	Everglades	Key areas that should be considered for further scientific studies include the effect of the following factors on STA performance: (1) phosphorus loading rates; (2) inflow phosphorus concentration; (3) hydraulic loading rates; (4) inflow water volumes, timing, pulsing, peak flows, and water depth; (5) phosphorus speciation at inflows and outflows; (6) effects of microbial activity and enzymes on phosphorus uptake; (7) phosphorus re-suspension and flux; (8) the stability of accreted phosphorus; (9) phosphorus concentrations and forms in soil and flood; (10) soil flux management measures; (11) influence of water quality constituents such as calcium; (12) emergent and submerged vegetation speciation; (13) vegetation density and cover; (14) weather conditions such as hurricane and drought; and (15) the inter-relationships between those factors. Project Benefit: Conduct research to improve STA treatment performance in support of Restoration Strategies to meet the WQBEL and State Water Quality Standards for the Everglades Protection Area.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2019 SFER.	To meet the WQBEL starting in 2025 and State water quality standards in the Everglades Protection Area.	N/A	N/A	N/A	10/1/2018	9/30/2020	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	Research	20%	20%	0%	60%	0%
2	2.3.1	RS Future Science Plan Projects	Everglades	Science Plan Projects that will be identified in future years. The Science Plan was developed to identify studies that investigate the critical factors that collectively influence ultralow treatment performance and phosphorus reduction in the STAs. Results from Science Plan studies will be used to inform the design and operation of water quality projects to meet the stringent phosphorus standard for the Everglades.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2019 SFER.	To meet the WQBEL starting in 2025 and State water quality standards in the Everglades Protection Area.	N/A	N/A	N/A	10/1/2019	9/30/2024	\$ 450,000	\$ 2,132,728	\$ 2,132,728	\$ 2,132,728	\$ 2,132,728	\$ -	Planning	20%	20%	0%	60%	0%
2	2.3.1	RS Future Source Controls Projects	Everglades	Source Controls Projects that will be identified in future years. As part of the Restoration Strategies Regional Water Quality Plan, the District proposes to build on the existing BMP Regulatory Program by focusing on areas and projects with the greatest potential to further improve water quality. The District's goal is to design water quality improvement projects in strategic onsite locations or through sub-regional source control projects in series with on-site BMPs to further reduce total phosphorus loads to the STAs.	Restoration Strategies Water Quality Plan, Five-Year Capital Improvements Plan and 2019 SFER.	To meet the WQBEL starting in 2025 and State water quality standards in the Everglades Protection Area.	N/A	N/A	N/A	10/1/2019	9/30/2024	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ -	Planning	20%	20%	0%	60%	0%
2.3.1 Restoration Strategies Total												\$ 35,947,490	\$ 64,869,338	\$ 124,111,015	\$ 132,111,017	\$ 64,111,015	\$ 61,778,287	20%	20%	0%	60%	0%	
2	2.4.1	Comprehensive Water Conservation Program - Regulatory Initiatives (in 5 Year Water Supply Plan this is combined with item with an item in State Subactivity with same name 5.2.1 (DD01))	Surface water and Aquifers	Oversight and maintenance of the Florida Automated Weather Network station located within District boundaries. District staff technical assistance and review of the Cooperative Funding Program (CFP) Water Conservation projects as part of the Cooperative Funding Program (CFP). Future Governing Board discussions on funding allocations for the cooperative funding initiatives will be completed after audited reserve balances are known, for that reason they are not in the Fiscal Year 2019-20 preliminary budget. FTEs and operation expenses.	2019 Five-Year Water Resources Development (WRD) Work Program (WPI).	N/A	N/A	Annual results reported in regional water supply plan updates.	N/A	10/1/2016	9/30/2024	\$ 279,240	\$ 319,000	\$ 319,000	\$ 287,341	\$ 319,000	\$ 319,000	Initiation	100%	0%	0%	0%	0%
2.4.1 Other Cooperative Projects Total												\$ 279,240	\$ 319,000	\$ 319,000	\$ 287,341	\$ 319,000	\$ 319,000	100%	0%	0%	0%	0%	
PROGRAM TOTAL												\$ 346,802,472	\$ 180,047,187	\$ 237,657,155	\$ 245,160,122	\$ 176,028,219	\$ 164,595,491	PROGRAM TOTAL					
3.0 Operations and Maintenance of Lands and Works																							
3	3.1.1	Lake Belt Land Acquisition Mitigation	N/A	Future land acquisition as approved by the Lake Belt Mitigation Plan. Pennsuco willing sellers. Project Benefit: Restoration	Lake Belt Mitigation Plan, Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2016	9/30/2020	\$ 335,890	\$ -	\$ -	\$ -	\$ -	\$ -	Planning/Land Acquisition	20%	10%	20%	50%	0%
3.1.1 Land Total												\$ 335,890	\$ -	\$ -	\$ -	\$ -	\$ -	20%	10%	20%	50%	0%	
3	3.1.1	C-139 Annex Restoration		Sam Jones/Abiaki Prairie Wetland Restoration (C-139 Annex) project will complement Restoration Strategies by returning more historic Everglades conditions to 15,000 acres of former citrus grove, which will help improve water quality. About 2,000 acres of citrus have been removed, along with follow-up herbicide treatments. Mitigation for wetland impacts associated with limestone mining activities in the Lake Belt Region. Approved by the Lake Belt Mitigation Committee in December 2012. The C-139 Annex is a 17,904.44 acre parcel located in Hendry County, Florida. Project Benefit: The restoration shall, to the fullest extent possible, restore the historic Everglades hydrologic conditions and vegetation. The design shall integrate the existing topography to promote wildlife inhabitation and accessibility as well as preservation of cultural resources	2014 Lake Belt Mitigation Committee Annual Report; Five-Year Capital Improvements Plan, 2018 SFER	Outflow P less than inflow P	Project is not completed	N/A	N/A	12/3/2012	9/30/2025	\$ 18,984,643	\$ 11,559,999	\$ 4,540,012	\$ 11,180,000	\$ 11,080,000	\$ 9,120,256	Land Stewardship /Design/Construction	20%	10%	20%	50%	0%
3.1.1 Mitigation Projects Total												\$ 18,984,643	\$ 11,559,999	\$ 4,540,012	\$ 11,180,000	\$ 11,080,000	\$ 9,120,256	20%	10%	20%	50%	0%	
3	3.2.1	S-5A Pump Station Refurbishment	STA1E/STA1W & WCA-1, C-51	Multi-year construction effort of the complete engine overhaul & entire pump station improvements. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2019 SFER O&M Pump Station Modification/Repair; Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	9/5/2008	9/30/2022	\$ 14,088,380	\$ 14,324,543	\$ 12,208,007	\$ -	\$ -	\$ -	Construction	10%	80%	5%	5%	0%
3	3.2.1	NAVD88	SFWM District Wide Water Bodies	The South Florida Water Management District's (SFWMD) Vertical Datum Upgrade Project (VDUP) is transitioning the District's vertical data from the current National Geodetic Vertical Datum of 1929 (NGVD29) to the North American Vertical Datum of 1988 (NAVD88) through a controlled, well-communicated, technically sound and properly managed process. Project Benefit: Enable District personnel to employ the most accurate vertical data available in a common datum without losing historical records, with visibility into the elevation information sources and attributes. Systems, tools and processes are capable of accommodating future vertical datum upgrades without the loss of available, historical information. Provide users access to accurate NGVD29 or NAVD88 values for any given period. Develop and integrate a common database with the District's IT infrastructure that will allow all users, both internal and external, to utilize the same vertical datum information for analyzing and reporting vertical data.	2019 SFER OMC Vertical Datum (NAVD88); Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2008	9/30/2020	\$ 688,594	\$ -	\$ -	\$ -	\$ -	\$ -	Construction	0%	25%	75%	0%	0%
3	3.2.1	IT Shelters (Southern Region)	N/A	Design/Construction of new replacement IT equipment shelters within the South regions of the District. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2019 SFER O&M Communications and Control Systems; Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	8/5/2009	9/30/2020	\$ 3,173,823	\$ -	\$ -	\$ -	\$ -	\$ -	Construction	25%	0%	50%	25%	0%
3	3.2.1	FAES Tower	N/A	As part of the District efforts to support the South Shore Pump Station Automation Project and refurbish communication infrastructure, it was determined that the existing FAES communication tower needs to be replaced with a new 300 feet high free standing tower which shall be designed to meet the District hurricane standards. The new tower will improve communication within the Western Loop	2019 SFER O&M Communications and Control Systems; Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	11/13/2009	9/30/2021	\$ 569,351	\$ 2,483,639	\$ -	\$ -	\$ -	\$ -	Design	25%	0%	50%	25%	0%

Appendix C - Fiscal Year 2019-20 Preliminary Budget

South Florida Water Management District
 Appendix C
 Fiscal Year 2019-20
 Preliminary Budget- January 15, 2019

PROJECT INFORMATION											PROJECTED BUDGET REQUEST						AREA OF RESPONSIBILITY						
State Program	Activity-Subactivity	Title	Water Body	Project Description	Planning Document	Intended Quantified Water Quality Benefits	Achieved Quantified Water Quality Benefits	Intended Quantified Water Supply Benefits	Achieved Quantified Water Supply Benefits	Begin Date	End Date	Budget Request for FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	Phase	Water Supply	Water Quality	Flood Protect	Natural Systems	Mgmt. Svcs
3	3.2.1	Project Culvert Replacements	L-8, L-15, L-12 and C-18	The project consists of the removal and the replacement of the culverts and gates on the following five (5) project culverts: PC01 on the L8, PC03 on the L15, PC05 & 06 on the L12, and PC18 on the C18.	2019 SFER O&M Project Culvert Replacements: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	3/23/2012	9/30/2020	\$ 253,249	\$ -	\$ -	\$ -	\$ -	\$ -	Construction	50%	0%	50%	0%	0%
3	3.2.1	Homestead Field Station Building Replacements	N/A	The project will demolish the existing B-230, B-33 and B-96 buildings at the Homestead Field Station and replace with a building that meets present code requirements and facility needs. The new building is to be approximately 15,430 square feet and includes storage and maintenance bays for operations and maintenance activities.	2019 SFER O&M Facility Construction: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	7/2/2012	9/30/2020	\$ 5,875,339	\$ 3,921,412	\$ 4,270,965	\$ -	\$ -	\$ -	Design	30%	0%	70%	0%	0%
3	3.2.1	S-169 Relocation Planning & Design	Lake Okeechobee	Planning & Design on the relocation of the S-169 Structure	2019 SFER O&M Structure/Bridge Modification & Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	5/28/2010	9/30/2021	\$ 2,653,520	\$ 5,550,000	\$ 9,831,486	\$ -	\$ -	\$ -	Design/Construction	30%	0%	70%	0%	0%
3	3.2.1	G-93 New Control Building (Planning)	C-3 Canal	The G-93 Structure (Coral Gables Control Structure) is a reinforced concrete, gated spillway on the Coral Gables Canal (C-3) at Red Road in the City of Miami. The discharge is controlled by two vertical lift gates. Operation of the gates is manually controlled. An automatic device has not been installed due to the possibility of injury to manatees. The existing controls are located in a historic tower structure that is in poor condition.	2019 SFER O&M Structure/Bridge Modification & Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/30/2013	9/30/2020	\$ 230,348	\$ 254,462	\$ -	\$ -	\$ -	\$ -	Planning/Design	30%	0%	70%	0%	0%
3	3.2.1	Fall Protection Program	N/A	As part of the District's Annual Work Plan, District employees routinely perform structure maintenance activities which expose them to fall hazards. The risk associated with these hazards may be reduced through the use of proper fall protection equipment. The District has implemented this equipment at approximately 90 structures to date. This project identifies the remaining District structures which need permanently installed fall protection and provides design and installation of engineered systems to comply with OSHA regulations for workplace safety. The work will be phased in over several fiscal years due to funding constraints. The proposed fall protection designs shall address the maintenance needs of the field station staff and comply with District engineering standards, OSHA regulations, and equipment manufacturer's recommendations.	2019 SFER O&M Structure/Bridge Modification & Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2019	9/30/2022	\$ 276,580	\$ 400,000	\$ 400,000	\$ -	\$ -	\$ -	Design	30%	0%	70%	0%	0%
3	3.2.1	Generator Replacement Program	N/A	The District currently has over 200 emergency, electrical generators installed and maintained by Operations & Maintenance. The District relies on the generators to provide emergency power to mission critical infrastructure in 16 counties from Orlando to Florida Keys. The generators are permanently installed; water cooled, and fueled by either diesel or liquefied petroleum and vary in size from 7.5 KW to 750 KW. The existing generators have been supplied by various manufacturers. One of the goals of this project is to standardize to the extent possible, the equipment type and size while utilizing the same manufacturer.	2019 SFER O&M Structure/Bridge Modification & Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	9/30/2015	9/30/2025	\$ 310,998	\$ 1,010,755	\$ 815,483	\$ 659,035	\$ 881,257	\$ 792,110	Design/Construction	30%	0%	70%	0%	0%
3	3.2.1	S-40/S-41/S-44 Refurbishments	C-15 Canal, C-16 Canal and C-17 Canal	The project consists of the fabrication of new stainless steel vertical lift roller gates for the coastal structures S-40, S-41 and S-44. The present gates are nearly 50 years old and section loss due to corrosion. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2019 SFER O&M Structure/Bridge Modification & Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2015	9/30/2020	\$ 4,057,840	\$ 4,802,495	\$ -	\$ -	\$ -	\$ -	Design/Construction	30%	0%	70%	0%	0%
3	3.2.1	S-319 Automatic Transfer Switch Replacement	N/A	This project will replace the current malfunctioning Automatic Transfer System at Pump Station S319 with an ATS that includes a physical switch/manual transfer option. The system has malfunctioned repeatedly over several years, resulting in loss of pumping capacity and costly repairs. The replacement system will eliminate the PLC and use simpler off-the-shelf automatic transfer switches from a reliable manufacturer. An automatic/manual switching option will allow the station to resume operation more quickly if the automatic transfer fails. The project will also correct other known issues with the station's emergency backup power system.	2019 SFER O&M STA Capital Construction: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2019	9/30/2021	\$ 2,552,433	\$ 1,870,401	\$ -	\$ -	\$ -	\$ -	Design	10%	80%	5%	5%	0%
3	3.2.1	S-9 and S-9A Trash Rake and Pump Station Refurbishments	C-11 Canal@ WCA 3A (L-37 & L-33 Borrow Canals)	This project consists of constructing an automated trash rake system to service both stations, installing new generators and generator building, repairing existing rip-rap deficiencies, replacing the existing pump bay bar screens, replacing a pump impeller, repairing differential settling outside the building, and repairing the northeast wing wall sheet piles.	2019 SFER O&M Pump Station Modification/Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	3/19/2015	9/30/2022	\$ 105,942	\$ 7,373,105	\$ 7,502,076	\$ -	\$ -	\$ -	Design	50%	0%	50%	0%	0%
3	3.2.1	G-420 and G-420S Modifications	C-4 Detention Basin/C-4 Canal	The project consists of major improvements to both the G-420 and G-420S structures with concrete and steel. Steel sheet pile wingwalls with concrete caps along with replacement of existing hydro-cone intakes with open bell intakes.	2019 SFER O&M Pump Station Modification/Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	11/10/2014	6/30/2021	\$ 1,801,484	\$ 653,271	\$ -	\$ -	\$ -	\$ -	Construction	50%	0%	50%	0%	0%
3	3.2.1	S-65D Refurbishment	C-38 Canal/Kissimmee River	The project scope includes concrete refurbishment, replacement of sheet pile wing walls and pile caps, replacement of the gates, conversion from hydraulic cable to a cable and drum gate hoist system, upgrade from single to three phase power, controls and upgrades, bank restoration and replacement of stilling wells and SCADA components.	2019 SFER O&M Structure/Bridge Modification & Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	4/29/2016	9/30/2023	\$ 128,477	\$ 2,750,000	\$ 2,750,000	\$ 1,756,027	\$ -	\$ -	Design	30%	0%	70%	0%	0%
3	3.2.1	Microwave Tower Structural Repairs	N/A	The SFWMD currently has 56 microwave towers located throughout its 16 county jurisdiction. The microwave tower network supports communications and remote operations of many of the SFWMD's pump stations, structures and facilities. The structural tower repair program will correct the existing structural deficiencies identified through the inspections performed through the Infrastructure Management Section (Infrastructure) Tower Inspection Program and assure uninterrupted operation of the microwave tower network.	2019 SFER O&M Communications and Control Systems: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	5/27/2016	9/30/2020	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	Design	25%	0%	50%	25%	0%
3	3.2.1	S-178 Gate Replacement & Automation/S-197 Automation	C-111E/C-111 Canal	This project consists of the automation of Structure S-178 and gate replacement. It also includes the installation of a new control building, new motors and actuators and installation of a Motorola ACE Remote Terminal Unit (RTU). The current structure was built in 1966, the structure gates, guides, frames and rails have corroded heavily and now require replacement. The S-178 Structure is currently operated manually. The structure needs to be automated to provide more flexibility to manage water operations in Miami-Dade County. The S-197 Structure maintains optimum upstream water level in the C-111 Canal and prevents saline intrusion during high tides. S-197 diverts discharge from the S-18C overland to the panhandle of the Everglades National Park and releases water only during major floods as established by the structure's operational plan.	2019 SFER O&M Structure/Bridge Modification & Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	5/13/2016	9/30/2020	\$ 882,039	\$ -	\$ -	\$ -	\$ -	\$ -	Construction	30%	0%	70%	0%	0%
3	3.2.1	Gate Control Panel Replacement	N/A	The Gate Control Panel Replacement project is for 18 water control structures located in Okeechobee, Fort Lauderdale, Miami and Homestead Field Station areas of responsibility. The project includes replacement of obsolete manatee protection system equipment located in the gate control panels. This system controls the vertical lift gates at each structure to protect manatees that pass through the gates. The existing control panels were installed in the late 1990's and the manufacturer is no longer producing replacement parts. This project upgrades each site for a more efficient and safe operation by combining the manatee protection system equipment inside the SCADA remote terminal units.	2019 SFER O&M Communications and Control Systems: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	3/3/2016	10/1/2021	\$ 71,068	\$ 4,522,211	\$ -	\$ -	\$ -	\$ -	Design	25%	0%	50%	25%	0%
3	3.2.1	G-370/G-372 Communication Tower Grounding Modifications	N/A	This project is for construction of a new grounding system on an existing asset (electrical grounding system on an existing communications tower) at the G-310, G-370 and G-372 pump stations and removal of a tower and relocation of SCADA equipment at G-335 pump station. It also includes other miscellaneous site grounding and lightning protection at the pump stations. The project includes upgrading the tower grounding systems at the G-310, G-335, G-370 and G-372 pump stations to meet ANSUEIA/TIA and South Florida Water Management District tower grounding requirements. Completion of this project will prevent hazardous conditions at the sites, and ensure the safety of staff in the event of a direct lightning strike to the towers.	2019 SFER O&M STA Capital Construction: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	7/1/2016	10/2/2020	\$ 944,031	\$ 271,488	\$ -	\$ -	\$ -	\$ -	Design	10%	80%	5%	5%	0%

Appendix C - Fiscal Year 2019-20 Preliminary Budget

South Florida Water Management District
 Appendix C
 Fiscal Year 2019-20
 Preliminary Budget- January 15, 2019

PROJECT INFORMATION		PROJECTED BUDGET REQUEST														AREA OF RESPONSIBILITY							
State Program	Activity-Subactivity	Title	Water Body	Project Description	Planning Document	Intended Quantified Water Quality Benefits	Achieved Quantified Water Quality Benefits	Intended Quantified Water Supply Benefits	Achieved Quantified Water Supply Benefits	Begin Date	End Date	Budget Request for FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	Phase	Water Supply	Water Quality	Flood Protect	Natural Systems	Mgmt. Svcs
3	3.2.1	S-331 South Dade Conveyance System Communication System Upgrades (Command Control Center)	L-31N Canal	The current SCADA system and communication systems associated with the S-331 Command & Control Center are becoming obsolete and are no longer supported by the equipment manufacturers so parts are unavailable. As a result, communication system upgrades are required at the following pump stations: S-331, S-332B, S-332C, S-332D, S-356, S-357, S-199 & S-200. The project consists of converting existing hardware to the new Allen Bradley hardware, replacing the current Telvent system with the new FactoryTalk software package from Rockwell, upgrading the site systems with new asset management and security software, installing a new microwave tower at S-332D, replacing Motorola MOSCAD with Motorola ACE RTU's per district standards and installing new CCTV system at S-199 & S-200. The proposed upgrades will bring the pump stations to current District communication standards, and will provide additional assurances toward maintaining uninterrupted operation of these facilities, located within the Homestead and Miami Field Station areas of responsibility.	2019 SFER O&M Communications and Control Systems: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	8/18/2016	9/30/2020	\$ 4,075,676	\$ -	\$ -	\$ -	\$ -	\$ -	Design	25%	0%	50%	25%	0%
3	3.2.1	G-310/G-335 Trash Rake Replacement	N/A	To support continued District operations, aging structures require periodic maintenance and repairs. The G-310 and G-335 Pump Stations were constructed in 2000. These operational issues have rendered the units inoperable under automated mode and therefore requires careful manual operation, which is not feasible during storm events. The project will replace the existing trash rake with two new units per pump station, in their entirety, and re-align the trash collection area in parallel to the trash rake. Additionally, both G-310 & G-335 have encountered weather proofing issues. The project will review the prior crack repairs, exhaust fan penetrations and the like and make corrective action as needed, as well as paint the exterior of the pump station, replace the existing bituminous roof roofing system and install fall protection measures as needed. The project will also evaluate and paint the existing diesel fuel tanks and piping as needed.	2019 SFER O&M STA Capital Construction: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	5/1/2016	9/30/2021	\$ 111,601	\$ 7,433,043	\$ 7,577,654	\$ -	\$ -	\$ -	Design	10%	80%	5%	5%	0%
3	3.2.1	L-8 Dupuis Culvert Replacements	L-8 Canal	The District owned G-261, G-262, and G-263 culvert structures are located along the southwestern boundary of the Dupuis Management Area, adjacent to the L-8 Canal in Palm Beach County. The existing structures each include 72-inch corrugated metal pipe culverts through the L-8 Levee, with a sand-cement headwall on either end, and a flow control feature on the Dupuis side of each culvert. The existing structures were constructed in the mid-1990's and subsequently, joint separation of the culvert segments within the levee and headwall failures were identified at all three structures. The levee deterioration caused by the joint failure has continued, necessitating replacement.	2019 SFER O&M Project Culvert Replacements: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	4/1/2016	9/30/2020	\$ 714,041	\$ -	\$ -	\$ -	\$ -	\$ -	Construction	50%	0%	50%	0%	0%
3	3.2.1	S-135 By-Pass Culvert Abandonment	Lake Okeechobee	The District completed an assessment of the S135 Bypass Culverts and has determined that they are in a deteriorated condition and present a potential failure mode to the Herbert Hoover Dike, as well as a risk to the S-135 Pump Station. As a result, the District has initiated this project to abandon the culverts in place.	2019 SFER O&M Structure/Bridge Modification & Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	6/9/2017	7/31/2022	\$ 605,000	\$ 2,758,500	\$ 2,536,433	\$ -	\$ -	\$ -	Design	30%	0%	70%	0%	0%
	3.2.1	S-49 Refurbishment	TBD	TBD Once Project Scope is developed, project description will be updated. This is a placeholder for the project.	2019 SFER O&M Structure/Bridge Modification & Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2019	5/31/2021	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	Planning	30%	0%	70%	0%	0%
3	3.2.1	C-40 Dredging and Bank Stabilization	C-40 Canal	Dredging and Bank Stabilization along the C-40 Canal. Shaping the slope as well as ongoing rip rap placement along the canal banks.	2019 SFER O&M Canal/Levee Maintenance & Canal Conveyance: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/10/2016	9/30/2022	\$ 569,077	\$ 424,827	\$ 254,702	\$ -	\$ -	\$ -	Construction	30%	0%	70%	0%	0%
3	3.2.1	BCB Structures Monitoring & Control Upgrades	N/A	Sites will be remotely controlled and monitored from B1 and BCB control room. Site data will be available on a real time server, total visibility of all site parameters including historical data. The sites can be polled for instant values and will report automatically any change of state. Commercial power and generators will be monitored, generators will have remote shut off control. Proven technology and communication upgrades will bring the sites to the District standards in effect.	2019 SFER: BCB Five-Year Capital Improvements Plan, BCB Financial Forecast	N/A	N/A	N/A	N/A	1/20/2017	9/30/2020	\$ 527,568	\$ -	\$ -	\$ -	\$ -	\$ -	Design	25%	0%	50%	25%	0%
3	3.2.1	Canal Conveyance Studies	SFWM District Wide Water Bodies	The revised program proposed here will essentially maintain the same objectives, except that a more comprehensive engineering approach to evaluating canal capacities will be included. Canal capacities will be evaluated in regards to their original design flows, design water surface profiles and available freeboard. That is, water surface profiles at design discharges under current conditions will be compared to those pertaining to original design conditions. This approach will allow for the accounting of factors other than canal conditions that may influence system capacity (e.g. structure capacities and operations), leading to more reliable remedial measures.	2019 SFER O&M Canal/Levee Maintenance & Canal Conveyance: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	3/15/2017	9/30/2023	\$ 467,480	\$ 300,000	\$ 400,000	\$ 400,000	\$ -	\$ -	Initiation	30%	0%	70%	0%	0%
3	3.2.1	S2, S3, S4 Pump Refurbishment	Lake Okeechobee	Refurbishment of existing Pump Stations S-2, S-3 & S-4 along the southern rim of Lake Okeechobee. (Project Cost to be revised once planned out)	2019 SFER O&M Pump Station Modification/Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/16/2017	9/30/2020	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	Planning	50%	0%	50%	0%	0%
3	3.2.1	West Palm Beach Field Station Maintenance Systems Replacements	N/A	Upgrades to the WPBFS B-134 Building for health and safety in the paint mixing room and shop.	2019 SFER O&M Facility Construction: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2017	2/25/2020	\$ 803,500	\$ 725,544	\$ -	\$ -	\$ -	\$ -	Planning/Design	30%	0%	70%	0%	0%
3	3.2.1	SCADA Stilling Well/Platforms Replacements (C&SF)	SFWM District Wide Water Bodies	The District has established locations for collecting data at specified locations throughout its 16 county boundary. Over time, many of these locations have reached the end of their useful life creating an unsafe condition or become too costly to maintain. This project works to systematically replace the aging sites within the STA's. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2019 SFER O&M Communications and Control Systems: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2019	9/30/2020	\$ 712,367	\$ -	\$ -	\$ -	\$ -	\$ -	Planning	15%	15%	70%	0%	0%
3	3.2.1	Nubbin Slough STA Repair	TBD	TBD Once Project Scope is developed, project description will be updated. This is a placeholder for the project.	TBD	TBD	TBD	TBD	TBD	10/1/2019	TBD	\$ 2,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	Planning	25%	25%	25%	25%	0%
3	3.2.1	Gate Overhaul Program (C&SF)	SFWM District Wide Water Bodies	Control structure gates must be periodically removed, sandblasted, re-painted and re-installed. The field stations perform the work and it is done on a cyclical basis for the C&SF Structures. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2019 SFER O&M Pump Station Modification/Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2019	9/30/2020	\$ 292,145	\$ -	\$ -	\$ -	\$ -	\$ -	Planning	30%	0%	70%	0%	0%
3	3.2.1	Gate Overhaul Program (STA's)	SFWM District Wide Water Bodies	Control structure gates must be periodically removed, sandblasted, re-painted and re-installed. The field stations perform the work and it is done on a cyclical basis for the STA Structures. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2019 SFER O&M STA Capital Construction: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2019	9/30/2020	\$ 65,869	\$ -	\$ -	\$ -	\$ -	\$ -	Planning	10%	80%	5%	5%	0%
3	3.2.1	Inspection Programs (C&SF)	N/A	Water control structures are the heart of District operations, and serve the District's multi-faceted mission of flood control, water supply, water quality, and restoration. For the Structure Inspection Program (SIP), underwater inspections are contracted out to a dive team managed by District staff, while the above-water inspections (structural, civil, mechanical, and electrical disciplines) are performed in-house with District staff. SIP inspections cover culverts, weirs, spillways, navigation locks, pumps and pump stations. The SIP is a visual inspection along with full-cycle operation, used to identify operational, structural and safety issues with our water control structures. Inspections identify deficiencies, probable causes and recommended corrective action. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project.	2019 SFER O&M Structure/Bridge Modification & Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2019	9/30/2020	\$ 890,000	\$ -	\$ -	\$ -	\$ -	\$ -	Planning	30%	0%	70%	0%	0%
3	3.2.1	Inspection Programs-Stormwater Treatment Area	N/A	Water control structures are the heart of District operations, and serve the District's multi-faceted mission of flood control, water supply, water quality, and restoration. For the Structure Inspection Program (SIP), underwater inspections are contracted out to a dive team managed by District staff, while the above-water inspections (structural, civil, mechanical, and electrical disciplines) are performed in-house with District staff. SIP inspections cover culverts, weirs, spillways, navigation locks, pumps and pump stations. The SIP is a visual inspection along with full-cycle operation, used to identify operational, structural and safety issues with our water control structures. Inspections identify deficiencies, probable causes and recommended corrective action. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2019 SFER O&M STA Capital Construction: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2019	9/30/2020	\$ 625,000	\$ -	\$ -	\$ -	\$ -	\$ -	Planning	10%	80%	5%	5%	0%
3	3.2.1	Project Culvert Replacements and Removals Program	SFWM District Wide Water Bodies	There are approximately 25 Project Culverts that are replaced by the field stations each year. Deteriorated steel culverts, risers, and gates are to be replaced with more durable materials such as aluminum pipe. Overgrown vegetation and accumulated sediments are to be cleared to allow proper functioning of each replaced culvert. Original design elevations and flow capacity shall be maintained. Bank stabilization and erosion protection shall be provided. Disturbed levees shall be restored to their original as-built condition. Sheet pile cofferdams or other approved methods will be used to dewater the sites during construction. Okeechobee Field Station staff and equipment resources will assist the responsible area field station in completing the construction at each location. Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin.	2019 SFER O&M Project Culvert Replacements: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2019	9/30/2020	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	Planning	30%	0%	70%	0%	0%
3	3.2.1	C&SF & STA Pump Station Engine/Pump Engine Overhaul Program	SFWM District Wide Water Bodies	The project consists of engine, gearbox, and pump overhauls within District pump stations. The proposed overhaul for each pump station component should correct the existing operational issues identified by the Infrastructure Management Section (Infrastructure), and will assure uninterrupted operation of these facilities located within the Homestead, West Palm Beach, and Ft. Lauderdale Field Stations (FS) areas of responsibility.	2019 SFER O&M Pump Station Modification/Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2019	9/30/2020	\$ 920,000	\$ -	\$ -	\$ -	\$ -	\$ -	Planning	10%	80%	5%	5%	0%
3	3.2.1	Other BCB Capital Projects	N/A	Various repairs/refurbishments to structures within the Big Cypress Basin Project Benefit: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals in support of the Big Cypress Basin. BCB SCADA Replacements, Cypress Canal Weir #4A1 Retrofit, Faka Union Canal Weir #6 & #7 Replacement, Golden Gate Canal Weir #5 Replacement, Canal Improvements, Cork 3 Replacement, I-75/1 Weir Removal and C-1 Connector Canal Control Gate.	2019 SFER: BCB Five-Year Capital Improvements Plan, BCB Financial Forecast	N/A	N/A	N/A	N/A	10/1/2020	9/30/2025	\$ 2,821,000	\$ 5,383,000	\$ 4,345,000	\$ 5,325,000	\$ 5,406,696	\$ -	Planning	None	None	None	None	0%

Appendix C - Fiscal Year 2019-20 Preliminary Budget

South Florida Water Management District Appendix C Fiscal Year 2019-20 Preliminary Budget- January 15, 2019																								
PROJECT INFORMATION												PROJECTED BUDGET REQUEST						AREA OF RESPONSIBILITY						
State Program	Activity-Subactivity	Title	Water Body	Project Description	Planning Document	Intended Quantified Water Quality Benefits	Achieved Quantified Water Quality Benefits	Intended Quantified Water Supply Benefits	Achieved Quantified Water Supply Benefits	Begin Date	End Date	Budget Request for FY2019-20	FY2020-21	FY2021-22	FY2022-23	FY2023-24	FY2024-25	Phase	Water Supply	Water Quality	Flood Protect	Natural Systems	Mgmt. Svcs	
3	3.2.1	Future Communication and Control Systems Projects: Consists of projects that make up our telemetry system within the C&SF System (towers and equipment)	SFWMD District Wide Water Bodies	Future O&M Capital Program Projects: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin. Future years are estimates and will change as new project priorities are identified.	2019 SFER O&M Communications and Control Systems: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2020	9/30/2025	\$ -	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	Planning	None	None	None	None	0%	
3	3.2.1	Future Pump Station Modification and Repair Projects: Consists of refurbishment, repair or replacement projects that pertain to our C&SF Pump Stations.	SFWMD District Wide Water Bodies	Future O&M Capital Program Projects: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin. Future years are estimates and will change as new project priorities are identified.	2019 SFER O&M Pump Station Modification/Repair : Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2020	9/30/2025	\$ -	\$ -	\$ -	\$ 9,746,936	\$ 12,480,000	\$ 12,480,000	Planning	None	None	None	None	0%	
3	3.2.1	Future Structure & Bridge Modification and Repair Projects: Consists of refurbishment, repair or replacement that pertain to our C&SF Structures and Bridges.	SFWMD District Wide Water Bodies	Future O&M Capital Program Projects: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin. Future years are estimates and will change as new project priorities are identified.	2019 SFER O&M Structure/Bridge Modification & Repair: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2020	9/30/2025	\$ -	\$ -	\$ 666,703	\$ 10,000,000	\$ 15,000,000	\$ 15,000,000	Planning	None	None	None	None	0%	
3	3.2.1	Future Facility Construction/Improvements: Consists of upgrades/replacements of District O&M Facilities	SFWMD District Wide Water Bodies	Future O&M Capital Program Projects: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin. Future years are estimates and will change as new project priorities are identified.	2019 SFER O&M Facility Construction: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2020	9/30/2025	\$ -	\$ -	\$ 1,000,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	Planning	None	None	None	None	0%	
3	3.2.1	Future Canals & Levees Maintenance and Canal Conveyance Projects: Consists of canal bank stabilization and canal dredging along with levee repairs that fall within our C&SF system.	SFWMD District Wide Water Bodies	Future O&M Capital Program Projects: Refurbish, replace, improve and manage the regional water management systems, structures, pump stations, canals and levees in support of the C&SF project, Storm Water Treatment Areas and Big Cypress Basin. Future years are estimates and will change as new project priorities are identified.	2019 SFER O&M Canal/Levee Maintenance & Canal Conveyance: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2020	9/30/2025	\$ -	\$ -	\$ 3,000,000	\$ 14,000,000	\$ 14,000,000	\$ 17,000,000	Planning	None	None	None	None	0%	
3	3.2.1	Flood Protection Level of Service (FPLOS)	SFWMD District Wide Water Bodies	The SFWMD operates the C&SF system which is in need of continuous maintenance, repair, and refurbishment. This program provides technical basis for prioritizing and policy/decision making on in-kind replacement or redesign. The outcome of the assessment will ensure that the District continues to meet its flood protection mission in a changing environment for the foreseeable future. This District-wide program will identify and prioritize flood mitigation efforts, resulting in improved efficiency and future cost avoidance. The South Florida Water Management District (District) is conducting a system-wide assessment of the regional water management infrastructure to determine the flood protection level of service (FPLOS) currently being provided by our water management infrastructure. The FPLOS assessment studies identify the amount of flood protection provided by the water management facilities within a watershed under current conditions and under future conditions considering changes in sea level, and future land use changes. The studies identify water management issues in each watershed and generates information to support decision making on capital expenditure on the flood management system. The steps in completing the studies includes extensive modeling of the individual watersheds and interpretation of the results. The Flood Protection Level of Service Program (FPLOS) encompasses multiple annual initiatives and projects including FPLOS Assessments in coastal basins. This funding will support District wide activities such as preliminary assessments of coastal structures, refinement of FPLOS assessment tools, rainfall and tidal surge studies, and staff augmentation to provide project management support to the program.	2019 SFER O&M Canal/Levee Maintenance & Canal Conveyance: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2018	9/30/2023	\$ 600,000	\$ 800,000	\$ 500,000	\$ 500,000	\$ -	\$ -	Planning	25%	25%	25%	25%	0%	
3	3.2.1	Okeechobee Field Station Relocation	N/A	This project includes the design and construction of a single facility that will replace B125, B14, and B11. The existing B125, B14, and B11 buildings will be demolished. The new facility will house the SFWMD's Okeechobee Field Station (OFS) administration personnel, the SFWMD's Okeechobee Service Center (OSC) personnel and the Florida Fish and Wildlife Conservation Commission's South Region Statewide Nuisance Alligator Program (FWC-SNAP). The new building is proposed to be, approximately, 16,000 square feet, which equates to the existing space currently being utilized by the OFS, OSC, and FWC-SNAP.	2019 SFER O&M Facility Construction: Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	7/1/2018	9/30/2023	\$ 1,412,161	\$ 1,400,000	\$ 4,963,207	\$ 4,563,208	\$ 500,000	\$ -	Planning	30%	0%	70%	0%	0%	
3	3.2.1	S-332 B/C	N/A	New Project for Fiscal Year 2018-19. Project to be updated with costs and description once it has been identified and scoped. Funding is coming to the District in the form of Depreciation Payments from the USACE.	2019 SFER O&M Pump Station Modification/Repair : Five-Year Capital Improvements Plan	N/A	N/A	N/A	N/A	10/1/2019	9/30/2026	\$ 3,482,334	\$ -	\$ -	\$ -	\$ -	\$ -	Initiation	None	None	None	None	0%	
3.2.1 O&M Capital Refurbishment/Other Projects Total												\$ 61,258,324	\$ 71,012,696	\$ 64,521,716	\$ 49,650,206	\$ 50,967,953	\$ 47,972,110		27%	17%	51%	6%	0%	
PROGRAM TOTAL												\$ 80,578,857	\$ 82,572,695	\$ 69,061,728	\$ 60,830,206	\$ 62,047,953	\$ 57,092,366	PROGRAM TOTAL						
4.0 Regulation												\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	PROGRAM TOTAL						
5.0 Outreach												\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	PROGRAM TOTAL						
5	5.2.1	Comprehensive Water Conservation Program - Education & Public Info (In 5 Year Water Supply Plan this is combined with an item in State Subactivity with same name 2.4.1 (DD08))	Surface water and Aquifers	Conducting outreach and education via social media venues (Twitter, Facebook), fact sheets, infographics, and website.	2019 Five-Year Water Resources Development (WRD) Work Program (WP)	N/A	N/A	Water not used is saved.	N/A	10/1/2016	9/30/2025	\$ 9,450	\$ 32,000	\$ 32,000	\$ 24,016	\$ 32,000	\$ 32,000	Initiation	100%	0%	0%	0%	0%	
5.2.1 Public Information Total												\$ 9,450	\$ 32,000	\$ 32,000	\$ 24,016	\$ 32,000	\$ 32,000	PROGRAM TOTAL						
6.0 District Management and Administration												\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	PROGRAM TOTAL						
6	6.1.4	Facilities- Security Access Control Panel	None	Security Equipment Purchase	None	N/A	N/A	N	N	10/1/2019	9/30/2020	\$ 12,402	\$ -	\$ -	\$ -	\$ -	\$ -	Initiation	25%	25%	25%	25%	0%	
6.1.4 Administrative Support Total												\$ 12,402	\$ -	\$ -	\$ -	\$ -	\$ -	PROGRAM TOTAL						
PROGRAM TOTAL												\$ 12,402	\$ -	\$ -	\$ -	\$ -	\$ -	PROGRAM TOTAL						
GRAND TOTAL												\$ 433,273,941	\$ 267,347,882	\$ 311,446,883	\$ 310,710,344	\$ 242,804,172	\$ 226,415,857	GRAND TOTAL						

Notes:
1. Project Status Update: The District Project Portfolio measures project milestone schedule compliance and the performance level achieved in accordance with the project earned value concept. Project Status Update Measurement are CPI (Cost Performance Index) and SPI (Schedule Performance Index) and measured as such: SPI > 1 means project ahead of schedule; SPI = 1 means project on schedule; SPI < 1 means behind schedule; Positive Schedule Variance indicates "Ahead of Schedule". CPI > 1 means project under budget; CPI = 1 means project on budget; CPI < 1 means over budget. A project with an SPI of 1.00 is exactly on schedule, and a project with a CPI of 1.00 is exactly on budget and represents the ideal situation where project execution matches project planning.
2. Carry Forward Calculation Logic: The SPI was used to calculate the estimated project carry forward.
3. Funded From Fund Balance Column: A YES/NO is reflective of both fund balance and recurring being used to fund the project. The recurring is generally pertaining to the Salaries and Benefits.
4. Five-Year Water Resource Development Work Plan: Projects that are part of the 2019 Five-Year Water Resource Development Work Program are only planned until Fiscal Year 2021-2022 as that is what has been approved in the most current 2018 Work Plan. Projects, plans and costs are estimated for FY2022-23 & FY2023-24 subject for update after approved future years Five-Year Water Resource Development Work Program.
5. Project Ranking - Project ranking is now based on the Strategic Plan. Projects with a Ranking #1 - Flood Control, #2 - Water Supply, #3 - Natural Systems/Water Quality and #4 - Mission Support.

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D. Outstanding Debt

In November 2006, the District issued \$546,120,000 in Certificates of Participation (COPs) to fund the construction of Everglades Restoration projects. COPs are statutorily-authorized tax-exempt certificates. In February 2016, the District advanced refunded \$442,025,000 of the outstanding balance of the Series 2006 COPs. This refunding was financed through the issuance of the Series 2015 Refunding COPs with a par value of \$385,425,000. The economic gain on the refunding is a net present value savings of \$72.2 million. The remaining outstanding principle balance at the end of Fiscal Year 2017-18 was \$385,425,000.

The status of the District's Series 2015 COPs is summarized below as of September 30, 2018.

Current Debt Service Requirements on Existing Debt planned for Fiscal Year 2018-19:

Series	Original Issue Amount	Maturity	Principal Due Fiscal Year 2018-19	Interest Due Fiscal Year 2018-19	Total Requirements
COPs 2015	\$385,425,000	2037	12,325,000	18,068,625	30,393,625

Future Debt Service Requirements on Existing Debt:

Series	Fiscal Year	Principal	Interest	Total Requirements
COPs 2015	2019-20	12,935,000	17,437,125	30,372,125
	2020-21	13,580,000	16,774,250	30,354,250
	2021-22 thru 2025-26	78,760,000	72,709,750	151,469,750
	2026-27 thru 2030-31	100,420,000	50,418,750	150,838,750
	2031-32 thru 2035-36	126,500,000	23,548,500	150,048,500
	2036-37	29,165,000	729,125	29,894,125
		\$361,360,000	\$181,617,500	\$542,977,500

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E. Consistency Issues for Fiscal Year 2017-18

1. *Prior Fiscal Years' Summary*

In Fiscal Year 2011-12, the five water management districts agreed to and implemented a tiered management classification and performance metrics.

In Fiscal Year 2012-13 the management tiers were re-evaluated based on District size, scope, and programs of each District. The tiers are set at SFWMD Tier 1, SWFWMD and SJRWMD at Tier 2, and NFWWMD and SRWMD at Tier 3. The Tier 2 and Tier 3 districts have all adopted common pay grades, which facilitates the development of more consistent nomenclature for positions. Initially, the Tier 2 districts achieved pay grade consistency for approximately 50 jobs, particularly jobs in information technology, engineering and science.

Additionally, the performance metrics were evaluated annually and in Fiscal Year 2014-15 were finalized to include 7 CUP, 9 ERP, 1 Mission Support, 3 Natural Systems, and 3 Water Supply metrics for a total of 25 combined quarterly and annual metrics.

In addition to the structure, nomenclature, and performance metrics standards, the districts also adopted the Department of Management Services (DMS) Minimum Equipment Replacement Criteria. For cars and pickup trucks, a Replacement Eligibility Factor (REF) is determined by considering the age of the vehicle, mileage, condition, lifetime maintenance costs, downtime, most recent annual maintenance cost, and cost per mile. For trucks, tractors, mowers, trailers, and other equipment, a mileage (hours) / age threshold is established. If an asset exceeds the REF or replacement threshold, it is eligible for replacement.

The water management districts evaluated their fleet and equipment replacement policies, compared them to the state's criteria, and adopted the state's minimum equipment replacement criteria (floor) or established criteria greater than the state.

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E. Consistency Issues for Fiscal Year 2018-19

2. Current Fiscal Years' Summary

a) Staff Levels/Reorganization

Each water management district continues to evaluate its organizational structure and staffing levels as it focuses on its core mission.

The Preliminary Budget for SFWMD maintains a steady staffing level of 1475 FTEs.

The SFWMD executive management hold regular meetings to review vacant positions and the justification for their need. Selections for all positions approved for hire are typically hired at or below the budgeted salary amount. Routine oversight and reporting to ensure staffing resources support the agency's operational needs in the most efficient manner.

b) Health Insurance

The water management districts continue to explore options individually, as well as collectively, to standardize benefits and control health insurance costs for both the employee and employer. The District continues to explore plan design options and cost saving measures that have a greater impact on health plan costs through implementing tighter pharmacy management and establishing incentives for the employees to utilize lower costs benefits, while offering alternative options that are low cost for both the employer and employee. Staff will continue to work with Cigna staff for potential plan design changes to provide to the Governing Board for future options in controlling health insurance costs for the District as well as not impact the employee's premiums. Prior plan design changes remain in effect and are being evaluated for positive fiscal impact:

- Managers contribute towards dental premiums,
- Implement the final phase of retiree's paying for their full premiums that the Governing Board approved last year,
- Mandatory use of CVS Pharmacy Network for all maintenance medications,
- Tele/Virtual Medicine included at \$0 Copay,
- Emergency Room Copay increased to \$200 per visit,
- Transition Life & Disability Coverage to CIGNA, and
- Expansion of existing Disease Management Program.

c) Contract and Lease Renewals

District report on progress of price of concessions from vendors.

Governor Scott has asked each state agency falling under his purview to examine their existing contracts and seek price concessions from their vendors. Each water

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management district is encouraged, regarding contracts or lease agreements, to seek these same price concessions from their vendors for existing contracts. When considering lease agreements, office space should be utilized in the most efficient manner possible with a focus on saving taxpayer dollars.

Every year, as applicable, the Districts requests every firm under a continuing contract hold their labor rates for any renewal period remaining in the contract term. For example, twenty of the twenty-seven firms to date have agreed to maintain their rates for a two-year renewal period for Professional Engineering Services for Operation, Maintenance, Repair, Replacement and Rehabilitation (OMRR&R) and Restoration Services.

Negotiated cost savings and cost avoidance are also realized through various competitive procurements of both commodities & services. Savings attributed to specific contracts include the elimination of an annual escalator or negotiation of labor rates and other direct costs. The District also realizes saving through piggy-backing the same rates and conditions from intergovernmental cooperative purchases.

Regarding office space leases, the District currently leases office space to FDEP at its headquarters in West Palm Beach. The current leased space is nearly 18,000 square feet and is updated annually based on the actual square footage needed and offset by the District's occupancy at FDEP's facility located at the Benton Building in Ft. Pierce, FL which is currently less than 1,000 square feet. For Fiscal Year 2019-20, the District anticipates receiving \$363,350 in revenue from this lease.

For the remaining lease agreements, the SFWMD at the beginning negotiated price concessions on the earliest years of the lease terms. The price concessions were realized, and the remaining years terms call for negotiated inflationary increases. The leased spaces are for Service Centers located in Orange and Lee Counties where the District does not own suitable facilities.

The District is utilizing its owned office space in the most efficient manner possible by leasing out available space. Below are additional locations with leased space and the annual income generated.

- Available space in Fort Myers Service Center is being leased to the Edison & Ford Winter Estates resulting in \$108,875 in revenue,
- Available space in the Big Cypress Basin Service Center is being leased to Collier County generating \$73,161 in revenue, and
- The Daycare facility on Head Quarters Campus is leased resulting in \$110,444 in revenue.

IX. CONTACTS



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